

Systems diversity for warehouses, factories and workshops

GENERAL CATALOGUE

Variety without limitations: Applications for SSI SCHAEFER containers

The extensive SSI SCHAEFER range of storage, order picking and transport containers includes more than 2000 different types, models and sizes.

All these developments are a result of countless actual industrial applications: This means safety to

you, because the extensive practical use proves better than any test. You can be absolutely certain that the model and material quality of every type will stand up to our promises.

Make use of the SSI SCHAEFER expertise, because we know everything about containers.



The pictogram explanations:



The container has been manufactured to Euro dimensions.



Made from recyclable materials.



Made from polyethylene.



Made from polypropylene.



Made from polystyrene.



Prepared coding, e.g. with bar-codes.



Made from conductive polypropylene, suitable for use in the electronics or chemical industries.



To save space, they are foldable for transport when empty.



With handles for manual handling.



Optimised for use on conveyors.



Suitable for mini-load lifting technology.



Suitable for mini-load gripping technology.



Suitable for mini-load pulling technology.



By rotating them through 180°, the containers can be stacked and nested.



General notes on measurements given in this section of the catalogue:

All SSI SCHAEFER plastic containers are manufactured **within** the **moulded plastic parts tolerance according to DIN 16 901**.



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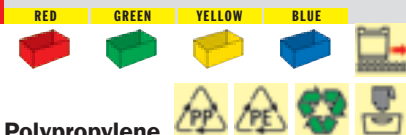
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Semi-open front storage – the practical solution

SSI SCHAEFER containers are designed in such a way that they can be integrated easily into all shelving systems. The complementary sizes enable them to be used in any combination within shelf units, independent from the application.

Regardless of whether the installation is high-bay, multi-tier or fully automated small part storage, SSI SCHAEFER containers provide the perfect storage solution.





► Polypropylene

resistant to most oils, acids and alkalis, noise absorbent on conveyors, withstands temperatures between -20° and +100° Celsius

► Polyethylene

resistant to most acids and alkalis, shock and impact resistant, absolutely harmless to foodstuffs, withstands temperatures between -40° and +80° Celsius

► Robust and stable design

► Smooth internal walls

for easy cleaning

► Recessed handgrip on the back panel

for secure manual transport

► Flexible due to divider options

► Stacking lugs

for secure stacking

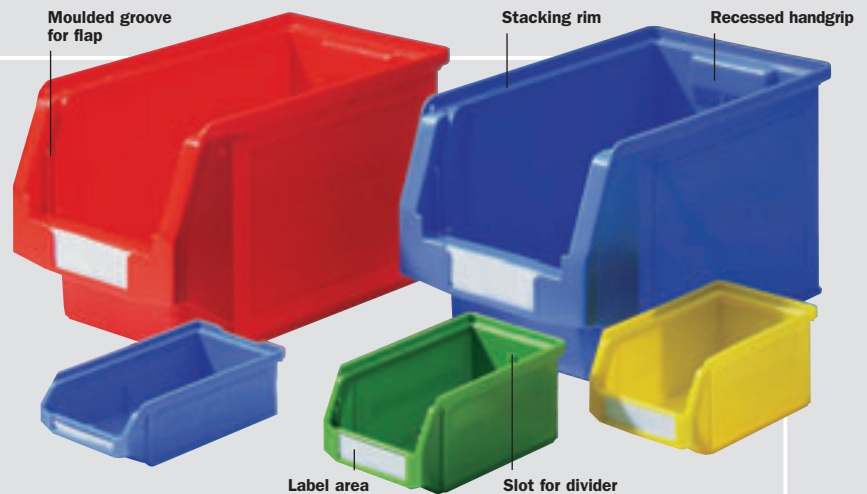
► Stackable

with 14/7 series made from plastic and steel, with 14/6 series made from plastic and steel

► Extensive accessory range

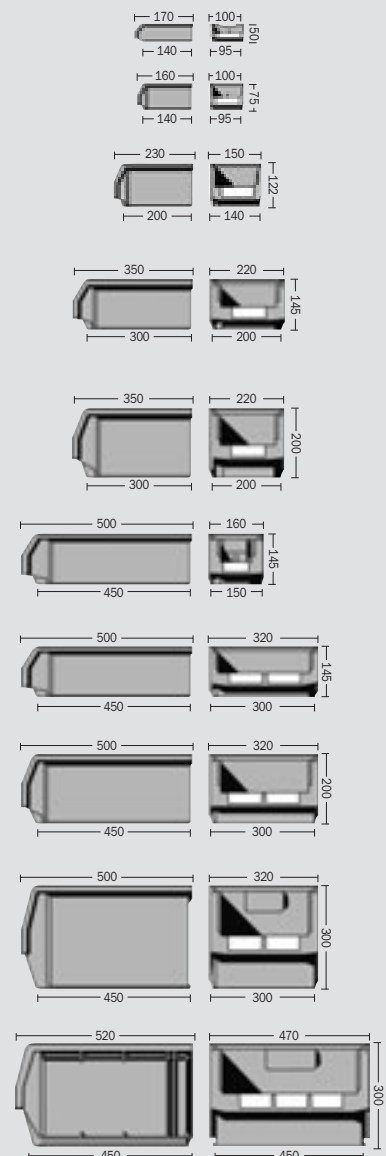
for individual container design

LF containers made from plastic



Semi-open front storage containers made from plastic – LF series

Item	Interior dimensions when stacked L x W x useable height (mm)	Capacity (litre)	Unit	Order no.				
LF 210 ZW PP	134 x 88 x 44	0,5	50	6991	6992	6993	6994	
	133 x 88 x 67	0,9	50					
LF 211 ZW PP	with grooves for dividers			92191	92192	92193	92194	
LF 221 PP	190 x 125 x 110	2,7	40	92151	92152	92153	92154	
LF 221 ZW PP	with grooves for dividers			91951	91952	91953	91954	
LF 221 CS PP	with slot for CS 221 flap			91281	91282	91283	91284	
LF 221 ZW CS PP	with groove and slot for flap			91291	91292	91293	91294	
LF 321 PP	292 x 182 x 133	7,5	28	92071	92072	92073	92074	
LF 321 ZW PP	with grooves for dividers			92041	92042	92043	92044	
LF 321 G PP	with recessed grip			91921	91922	91923	91924	
LF 321 G ZW PP	with recessed grip and groove for dividers			95521	95522	95523	95524	
LF 322 PP	291 x 181 x 185	10,4	10	92061	92062	92063	92064	
LF 322 ZW PP	with grooves for dividers			92021	92022	92023	92024	
LF 322 G PP	with recessed grip			92011	92012	92013	92014	
LF 322 G ZW PP	with recessed grip and groove for dividers			95511	95512	95513	95514	
	443 x 121 x 126	7,6	20					
LF 511 G PP	with recessed grip			91831	91832	91833	91834	
LF 511 G ZW PP	with recessed grip and groove for dividers			92111	92112	92113	92114	
	445 x 280 x 129	16,5	14					
LF 531 G PE	with recessed grip			91991	91992	91993	91994	
LF 531 G ZW PE	with recessed grip and groove for dividers			92181	92182	92183	92184	
LF 532 PE	445 x 278 x 185	23,5	10	92051	92052	92053	92054	
LF 532 ZW PE	with grooves for dividers			92031	92032	92033	92034	
LF 532 G PE	with recessed grip			92001	92002	92003	92004	
LF 532 G ZW PE	with recessed grip and grooves for dividers			95501	95502	95503	95504	
	444 x 277 x 285	38,0	1					
LF 533 G PE	with recessed grip			92081	92082	92083	92084	
LF 533 G ZW PE	with recessed grip and grooves for dividers			92091	92092	92093	92094	
	443 x 425 x 277	57,0	1					
LF 543 G PE	with recessed grip			92101	92102	92103	92104	
LF 543 G ZW PE	with recessed grip and grooves for dividers			95561	95562	95563	95564	



Accessories for LF series



Dust cover

Made from transparent plastic, front angled, closed.

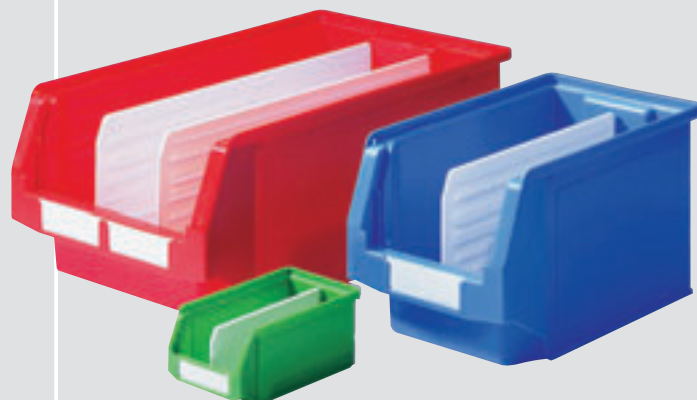
Item	For containers	Unit	Order no.
DC 211	LF 211 ZW	10	93240
DC 221	LF 221 / ZW	10	93230
DC 321	LF 321 / G / ZW / G ZW	10	93140
DC 322	LF 322 / ZW / G / G ZW	10	93130
DC 511	LF 511 G / G ZW	10	93290
DC 531	LF 531 G / G ZW	10	93220
DC 532	LF 532 / ZW / G / G ZW	10	93120

Dust cover

Only for LF 532 and LF 322.

Made from transparent plastic. Front open.

Item	For containers	Unit	Order no.
DL 322	LF 322	10	93200
DL 532	LF 532	10	93190



Dividers

Polystyrene, white. To divide containers with moulded grooves. Can still be stacked. Unit: 10 pieces.

Item	For containers	Unit	Order no.
ZW-K 210	LF 210 ZW	10	91900
ZW 211	LF 211 ZW	10	92990
ZW 221	LF 221 ZW	10	91910
ZW 321 G	LF 321 G ZW	10	95550
ZW 321	LF 321 ZW	10	93060
ZW 322 G	LF 322 G ZW	10	95540
ZW 322	LF 322 ZW	10	93050
LF-T 511	LF 511, longitudinal divider	10	92120
RKT 300	LF 511, crosswise divider	10	14720
ZW 531 G	LF 531 G ZW	10	93280
ZW 532 G	LF 532 G ZW	10	95530
ZW 532	LF 532 ZW	10	93040
ZW 533 G/543 G	LF 533 ZW	10	93080
ZW 533 G/543 G	LF 533 G ZW	10	93080
ZW 533 G/543 G	LF 543 G ZW	10	93080



Flaps, removable

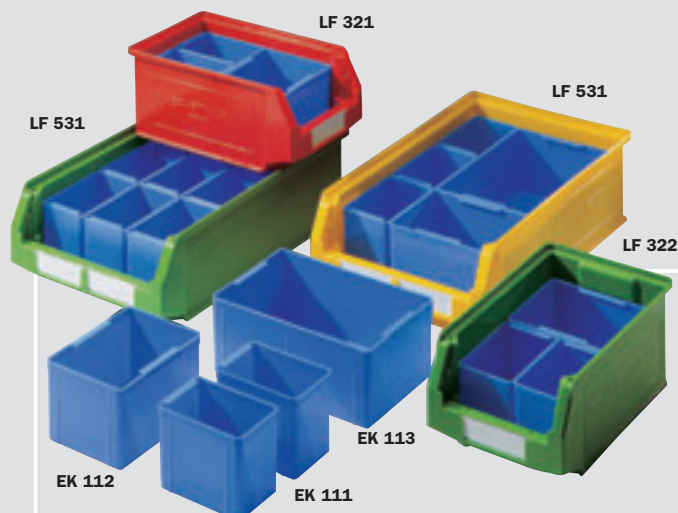
For LF containers, made from transparent plastic and used to protect the contents against dust. With locking device so that if the container is full, nothing falls out. Can be opened when containers are stacked. Additional large labeling facility. Can be used with carrying bars and dividers even when stacked.

Item	For containers	Unit	Order no.
CS 221-L	LF 221 CS	10	91230
CS 321-L	LF 321 / ZW / G ZW	10	93110
CS 322-L	LF 322 / G / ZW / G ZW	10	93030
CS 532-L	LF 532 / G / ZW / G ZW	10	93020
CS 533-L	LF 533 / G / G ZW	10	93090

Flaps, collapsible

Made from transparent, high quality plastic to protect against dust. The flaps are fixed to the container using 2 fixing clips – included – to avoid them being lost.

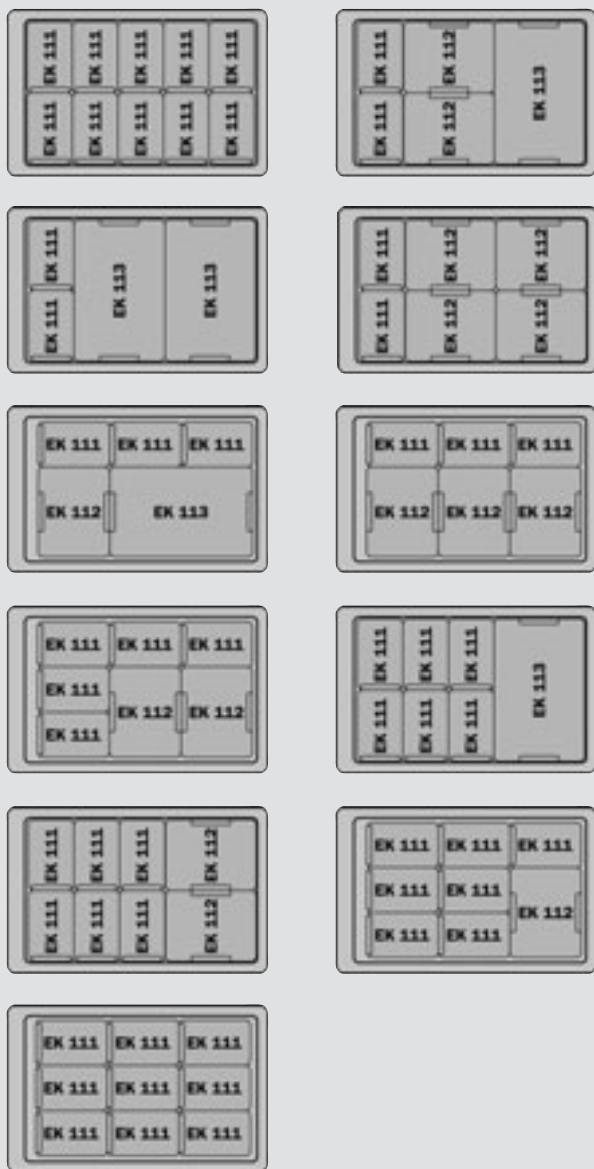
Item	For containers	Unit	Order no.
CS 221-K	LF 221 CS	10	91220
CS 321-K	LF 321 / ZW / G ZW	10	91480
CS 322-K	LF 322 / G / ZW / G ZW	10	91490
CS 532-K	LF 532 / G / ZW / G ZW	10	91500
CS 533-K	LF 533 / G / G ZW	10	91510



Partitioning examples with insert boxes
for LF 321 and LF 322



Partitioning examples with insert boxes
for LF 531, LF 532 and LF 533

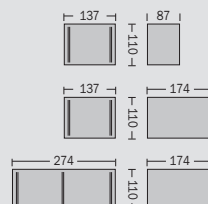


Accessories for LF series

Insert boxes

Made from blue polystyrene or black conductive PPL (for LF 531 and LF 321).

Item	Unit	Order no.
EK 111	48	22644 —
EK 111 PPL	48	— 22648
EK 112	40	22634 —
EK 112 PPL	40	— 22638
EK 113	36	22624 —
EK 113 PPL	36	— 22628



Carrying bars

Made from rigid black plastic. Especially for containers with heavy loads. Easy to retrofit. Unit: 10 pieces.

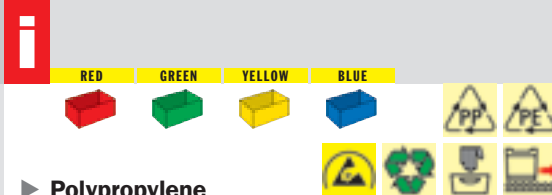
Item	For containers	Unit	Order no.
TS 322	LF 322 / G / ZW / G ZW	10	93010
TS 531	LF 531 G / G ZW	10	93250
TS 532	LF 532 / G / ZW / G ZW	10	93000
TS 533	LF 533 / ZW / G / G ZW	10	93100
TS 543	LF 543 G / G ZW	10	95590



Lifting trolley

Steel frame, painted blue-grey. Max. load 200 kg.
Swivel / fixed castors-Ø 125/200 mm.

Item	For containers	Order no.
SHK 1	LF 543, 14 / 7-1	16720



14/7 series made from plastic



- **Polypropylene**
resistant to most oils, acids and alkalis,
noise absorbent on conveyors, withstands
temperatures between -20° and +100° Celsius
- **Polyethylene**
resistant to most acids and alkalis, shock and impact
resistant, absolutely harmless to foodstuffs, withstands
temperatures between -40° and +80° Celsius
- **Robust and stable design**
- **Smooth internal walls**
for easy cleaning
- **Recessed handgrip on the back panel**
for secure manual transport
- **Flexible due to divider options**
- **Stacking lugs**
for secure stacking
- **Stackable**
with LF series, 14/6 series made from plastic and steel
- **Carrying bars can be purchased separately**

► Conductive polypropylene (PPL)

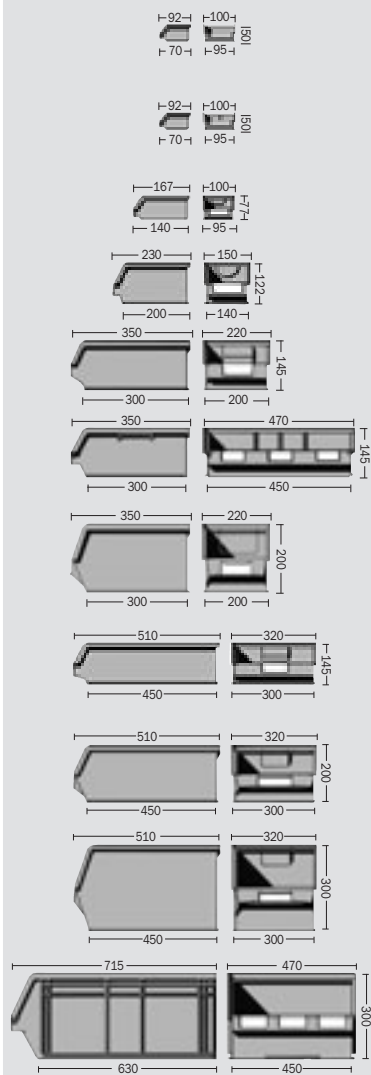
	Normal PE/PP	PPL
Specific volume resistance	10 ¹⁸ Ohm x cm <	10 ³ Ohm x cm
Specific surface resistance	10 ¹⁴ Ohm	10 ⁴ Ohm

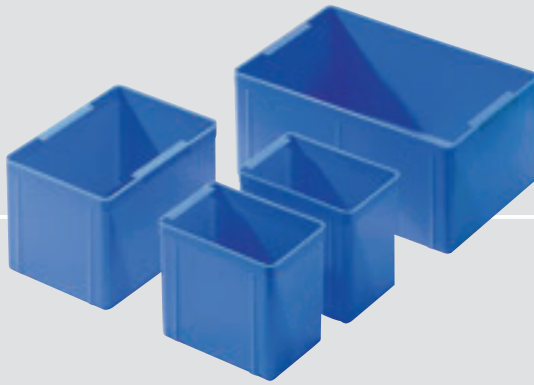
PPL BLACK



Semi-open front storage containers / conductive plastic (PPL) – 14/7 series

Item	Interior dimensions when stacked L x W x useable height (mm)	Capacity (litre)	Unit	Order no.				Order no.
								
14/7-6 PP	63 x 91 x 43	0,26	50	6981	6982	6983	6984	—
14/7-6 PPL				—	—	—	—	6988
14/7-6 M PP	63 x 44 x 43	0,26	50	7001	7002	7003	7004	—
	with injected central partition							
14/7-6 M PPL				—	—	—	—	7008
14/7-5 PP	133 x 88 x 66	0,8	50	6961	6962	6963	6964	—
14/7-5 PPL				—	—	—	—	6968
14/7-4 PP	191 x 125 x 109	2,6	40	6921	6922	6923	6924	—
14/7-4 PPL				—	—	—	—	6928
14/7-3 Z PP	291 x 182 x 132	7,2	28	6881	6882	6883	6884	—
14/7-3 Z PPL				—	—	—	—	6888
14/7-3 ZD PP	292 x 430 x 129	17,0	10	7011	7012	7013	7014	—
	with grooves for dividing wall ZW 3 ZD							
14/7-3 ZD PPL				—	—	—	—	7018
14/7-3 PP	291 x 181 x 185	10,0	20	6841	6842	6843	6844	—
14/7-3 PPL				—	—	—	—	6848
14/7-2 H PP	445 x 280 x 129	16,0	14	6801	6802	6803	6804	—
14/7-2 H PPL				—	—	—	—	6808
14/7-2 PP	442 x 280 x 183	23,0	10	6751	6752	6753	6754	—
14/7-2 PPL				—	—	—	—	6758
14/7-2 Z PP	442 x 280 x 285	37,0	1	6711	6712	6713	6714	—
14/7-2 Z PPL				—	—	—	—	6718
14/7-1 PE	607 x 422 x 277	74,0	1	16351	16352	16353	16354	—
14/7-1 PPL				—	—	—	—	16358

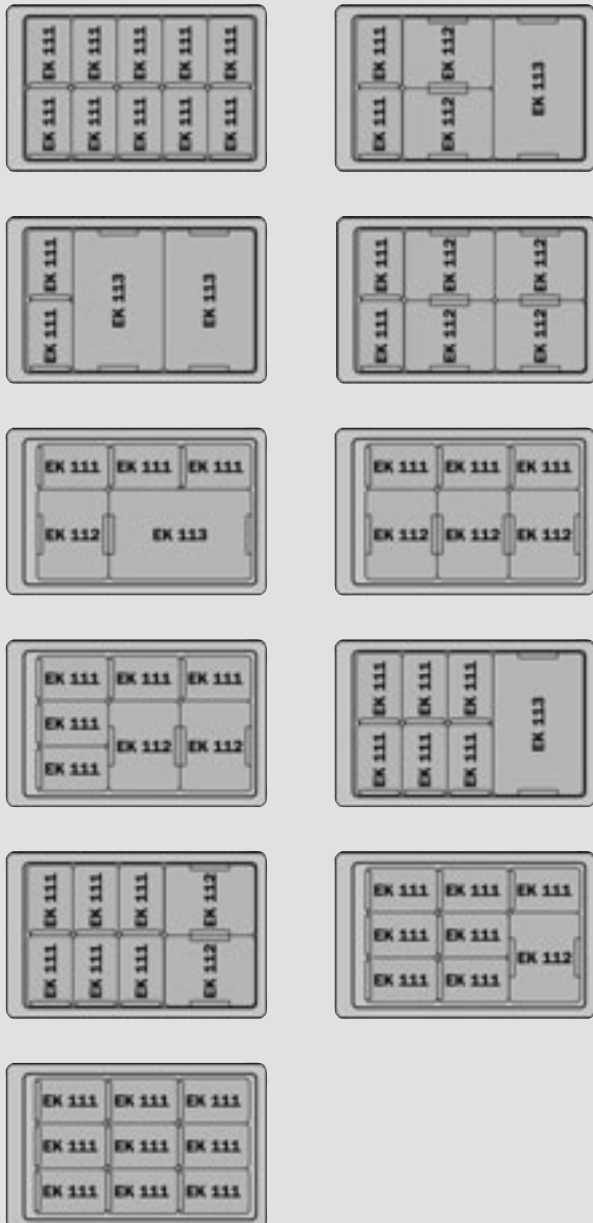




Partitioning examples with insert boxes
for sizes 14/7-3 Z and 14/7-3



Partitioning examples with insert boxes
for sizes 14/7-2 H, 14/7-2 and 14/7-2 Z

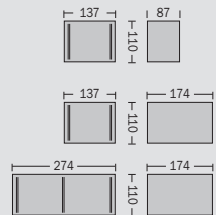


Accessories for 14/7 series made of plastic

Insert boxes

Made from blue polystyrene or black, conductive PPL (for 14/7-2 H, 14/7-2, 14/7-2 Z and 14/7-3 Z, 14/7-3).

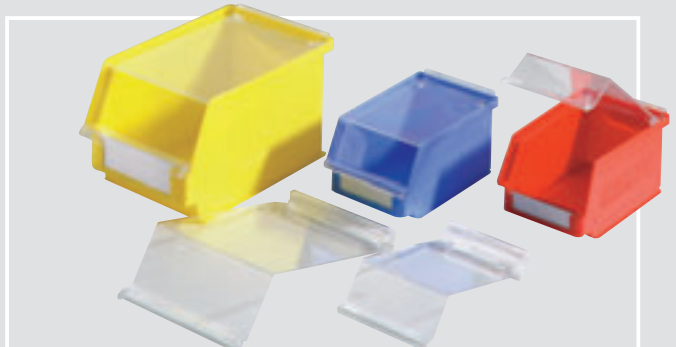
Item	Unit	Order no.
EK 111	48	22644 —
EK 111 PPL	48	— 22648
EK 112	40	22634 —
EK 112 PPL	40	— 22638
EK 113	36	22624 —
EK 113 PPL	36	— 22628



Insert trays

Made from white polystyrene with longitudinal and cross-dividers.

Item	For containers	L x W x H (mm)	Divi.	Unit	Order no.
EM 3-0	14/7-3 Z	320/285 x 180 x 60	long	10	7110
EM 3-1			cross	10	7111
EM 4-0	14/7-4	210/170 x 125 x 50	long	10	7120
EM 4-1			cross	10	7121
EM 5-0	14/7-5	155/130 x 85 x 30	long	10	7130
EM 5-1			cross	10	7131
EM 2 H	14/7-2 H	470/435 x 280 x 125	cross	10	93210



Clear dust flap SK

Made from transparent plastic.

Item	For containers	Unit	Order no.
SK-4-K	14/7-4	10	7360
SK-5-K	14/7-5	10	7370



Conductive accessories

for 14/7 series

on request

Wall profiles, Fix-wall units



Wall profile – complete range

Wall uprights, wall profiles, LF-containers, sorted by colour, fixing materials and holding clips.

Item	Range	Order no.
PEK 1-0	2 assembly strips, 8 profiles, 70 x LF 211 (3 colours)	8400
PEK 2-0	2 assembly strips, 7 profiles, 30 x LF 211, 21 x LF 221 (each in 3 colours)	8410
PEK 3-0	2 assembly strips, 7 profiles, 20 x LF 211, 28 x LF 221 (each in 2 colours)	8420
PEK 4-0	2 assembly strips, 7 profiles, 30 x LF 211 (3 colours), 14 x LF 221 (2 colours), 5 x LF 321 (1 colour)	8430



Wall uprights and wall profiles

Fasten the wall uprights to the wall, insert wall profiles – done. The distance between the profiles is variable in height.

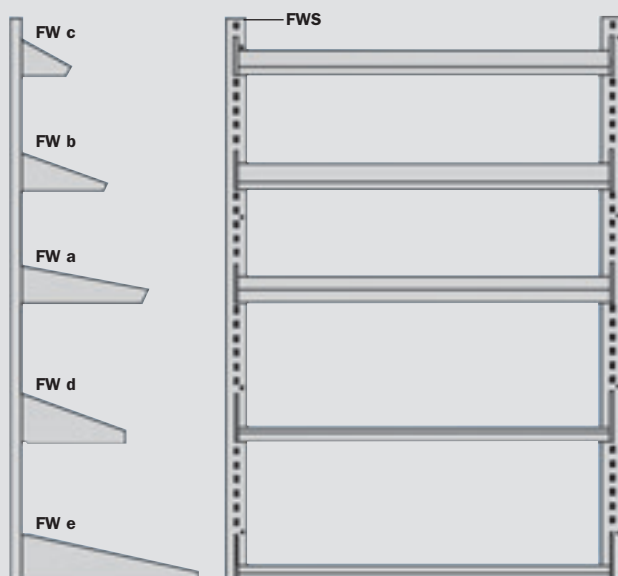
Item	Item name	Wall dimensions (mm)	Unit	Order no.
MS 1000	Assembly strip	H min. 1000	1	8390
PE/a	Wall profiles	W min. 1116	10	7940

Fix-wall units

Can be extended as required for assembly of individual shelving fronts. Five trays of different depths are available to accommodate various container sizes. Suitable to equip the wall units with containers 14/7-6, LF 211 and LF 221 or insert dividers (instead of containers).

Base dimensions: H 1000 x W 640 mm

Item	Model	Dimensions (mm)	Order no.
FWS	Wall rails, galvanised	H 1000	1950
FWc	Shelf, galvanised and slotted, for 6 x 14/7-6	D 100	1960
FWc2	Insert dividers, galvanised		1970
FWb	Shelf, galvanised and slotted, for 6 x LF 211	D 155	1980
FWb2	Insert dividers, galvanised		1990
FWa	Shelf, galvanised and slotted, for 4 x LF 221	D 220	2000
FWa2	Insert dividers, galvanised		2010
FWd	Shelf, painted silver grey	D 180	2020
FWe	Shelf, painted silver grey	D 300	2030



Attachment rails, Fix-Assistants, Portafix

Complete racking FW 333

2 wall rails, 3 shelves FWc, 3 shelves FWb, 3 shelves FWa, plastic containers 18 x 14/7-6, 18 x LF 211, 12 x LF 221.

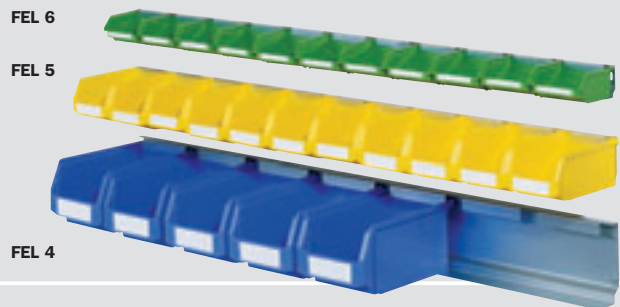
Item	Order no.
FW 333	2100



Attachment rails

For plastic containers LF 211, LF 221 and 14/7-6. Fix the attachment rails with plugs and screws to the wall – done. The distance between the panels is variable. Material: Galvanised sheet steel.

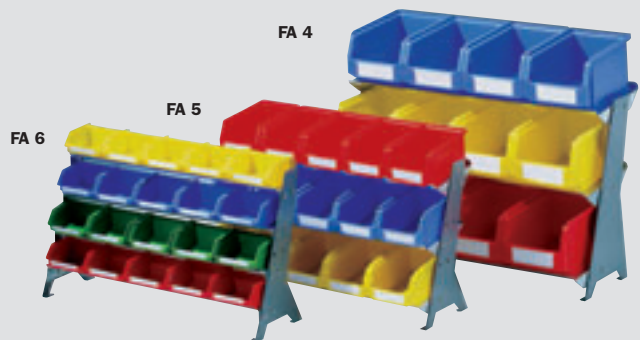
Item	For containers	Finish	Unit	Order no.
FEL 6	11 x 14/7-6	without containers	10	7930
FEL 5	11 x LF 211	without containers	10	7920
FEL 4	7 x LF 221	without containers	10	7910



Fix-Assistants

For plastic containers LF 211, LF 221 and 14/7-6. Free standing rack for the workshop and made from sheet steel with angle tilt, front and back stop, galvanised trays. Containers sorted by colours.

Item	W x H x D (mm)	Finish	Order no.
FA 4 o.K.	620 x 390 x 240	without containers	7730
FA 4 PP		with 12 x LF 221	7750
FA 5 o.K.	535 x 350 x 210	without containers	7830
FA 5 PP		with 15 x LF 211	7850
FA 6 o.K.	535 x 350 x 180	without containers	7880
FA 6 PP		with 20 x 14/7-6	7900



Portafix

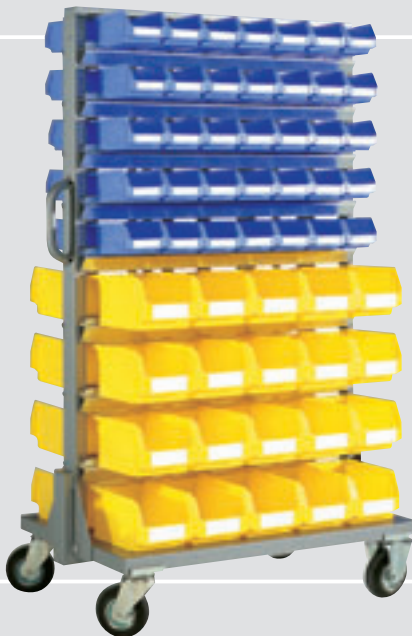
Made from polyethylene. Stackable and transportable. Shock and impact resistant case resistant to twisting. Holes for wall mounting, tooltray and carrying handle. Case and containers are supplied in contrasting colours.

Two Portafix PF 6 can be assembled to form a handy case using the hinges supplied.

Item	W x H x D (mm)	Equipped	Unit	Order no.
PF 5	360 x 470 x 170	12 x 14/7-5, Clear dust flaps	3	19190
PF 6	360 x 350 x 100	6 x 14/7-6, 6 x 14/7-6 M, 1 plastic hinge, clear dust flaps	4	19150



Fix-Roller



Fix-Roller L 825 x W 540 x H 1450 mm

The small parts magazine on wheels with a capacity to easily locate up to 140 different line items. Steel frame and platform painted in silver, fitted with 2 swivel and 2 fixed rubber castors.

Item	Fitting	Order no.
R 20 o.K.	no fittings	19000
R 20 PP	70 x LF 221, sorted by colour	19020
R 20 painted	70 x 14/7-4 l (painted)	19030
R 20 galv.	70 x 14/7-4 v (galvanised)	19040
R 25 o.K.	no fittings	19050
R 25 PP	40 x LF 221, 70 x LF 211, sorted by colour	19070
R 25 painted	40 x 14/7-4 l, 70 x 14/7-5 l (painted)	19080
R 25 galv.	40 x 14/7-4 v, 70 x 14/7-5 v (galvanised)	19090
R 30 o.K.	no fittings	19100
R 30 PP	140 x LF 211, sorted by colour	19120
R 30 painted	140 x 14/7-5 l (painted)	19130
R 30 galv.	140 x 14/7-5 v (galvanised)	19140



Fix-Roller L 1140 x W 540 x H 1450 mm

The small parts magazine on wheels with a capacity to easily locate up to 200 different line items. Steel frame and platform painted in silver, fitted with 2 swivel and 2 fixed rubber castors.

Item	Fitting	Order no.
R 40 o.K.	no fittings	10450
R 40 PP	98 x LF 221, sorted by colour	10470
R 40 painted	98 x 14/7-4 l (painted)	10480
R 40 galv.	98 x 14/7-4 v (galvanised)	10490
R 45 o.K.	no fittings	10500
R 45 PP	56 x LF 221, 100 x LF 211, sorted by colour	10520
R 45 painted	56 x 14/7-4 l, 100 x 14/7-5 l (painted)	10530
R 45 galv.	56 x 14/7-4 v, 100 x 14/7-5 v (galvanised)	10540
R 50 o.K.	no fittings	10550
R 50 PP	200 x LF 211, sorted by colour	10570
R 50 painted	200 x 14/7-5 l (painted)	10580
R 50 galv.	200 x 14/7-5 v (galvanised)	10590



Frame



Holding rails

- **Sectional steel frame**
welded
- **Holding rails for containers**
height plug-ins variable
- **Dimensions**
single entry model:
W 1145 x H 1950 x D 400 mm
double entry model:
W 1145 x H 1950 x D 800 mm

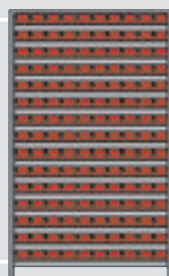
Fix free-standing racks

Single entry Fix free-standing rack

Item	Fitting	Order no.
FSR 500-e	no fittings	7950
FSR 500-e PP	with 150 x LF 211	14140

Double entry Fix free-standing rack

Item	Fitting	Order no.
FSR 500-d	no fittings	8000
FSR 500-d PP	with 300 x LF 211	14240

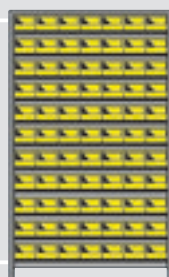


Single entry Fix free-standing rack

Item	Fitting	Order no.
FSR 400-e	no fittings	7960
FSR 400-e PP	with 77 x LF 221	14160

Double entry Fix free-standing rack

Item	Fitting	Order no.
FSR 400-d	no fittings	8010
FSR 400-d PP	with 154 x LF 221	14260

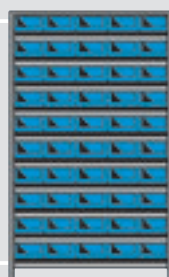


Single entry Fix free-standing rack

Item	Fitting	Order no.
FSR 310-e	no fittings	7970
FSR 310-e PP	with 50 x LF 321	14180

Double entry Fix free-standing rack

Item	Fitting	Order no.
FSR 310-d	no fittings	8020
FSR 310-d PP	with 100 x LF 321	14280

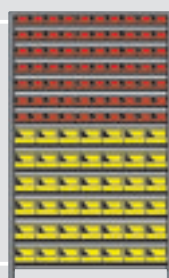


Single entry Fix free-standing rack

Item	Fitting	Order no.
FSR 450-e	no fittings	7980
FSR 450-e PP	with 70 x LF 211, 42 x LF 221	14200

Double entry Fix free-standing rack

Item	Fitting	Order no.
FSR 450-d	no fittings	8030
FSR 450-d PP	with 140 x LF 211, 84 x LF 221	14300

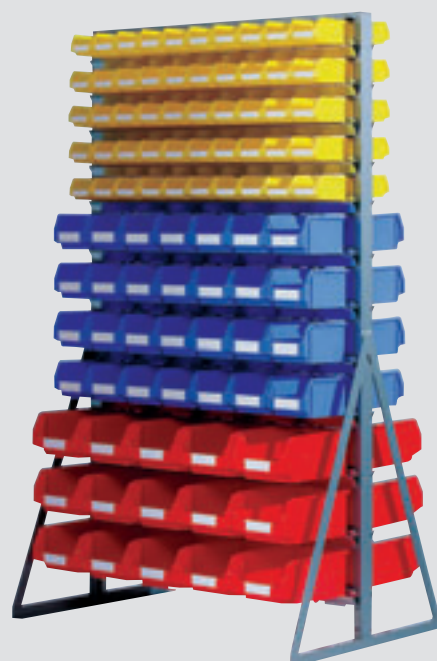
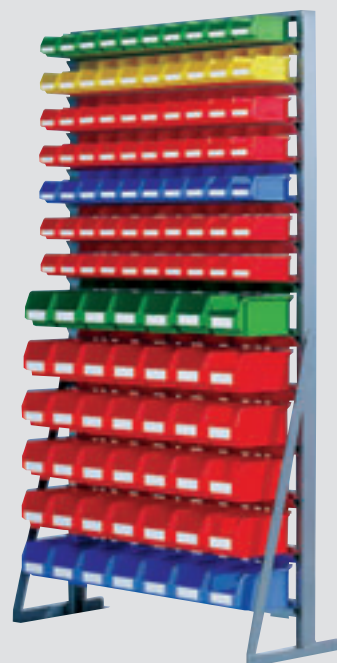
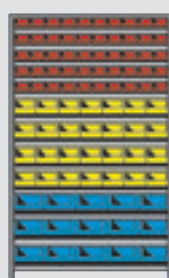


Single entry Fix free-standing rack

Item	Fitting	Order no.
FSR 345-e	no fittings	7990
FSR 345-e PP	with 50 x LF 211, 28 x LF 221, 15 x LF 321	14220

Double entry Fix free-standing rack

Item	Fitting	Order no.
FSR 345-d	no fittings	8040
FSR 345-d PP	with 100 x LF 211, 56 x LF 221, 30 x LF 321	14320





14/7 series made from sheet steel



► Sheet steel

for high mechanical loading,
painted grey-blue or dip galvanised

► Impressive stacking ability

► Stackable

with LF series made from plastic,
14/7 series made from plastic,
14/6 series made from plastic and steel

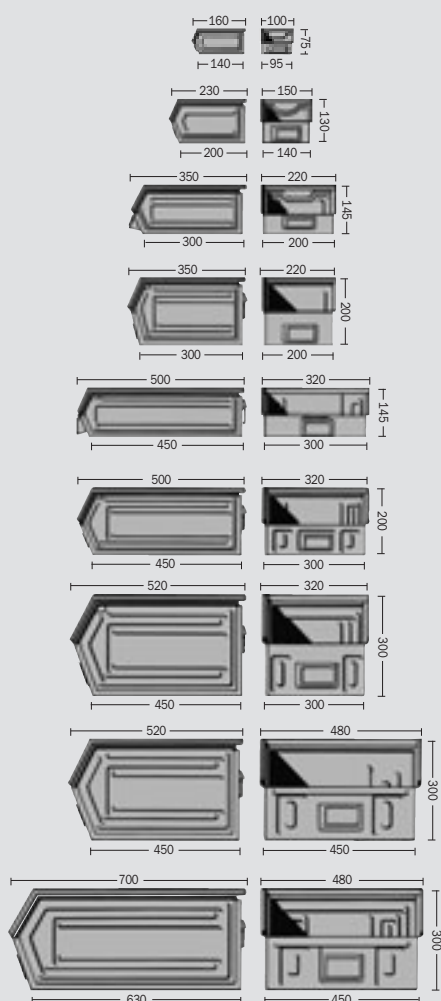
► High stability

thanks to rolled stacking rim



Semi-open front storage containers – 14/7 series

Item	Nominal measurements L x W x H (mm)	Max. load (kg) Single	Stack	Capacity (litre)	Order no.	
14/7-5 I	160/140 x 95 x 75	2,5	25	0,7	6930	—
14/7-5 v					—	6940
14/7-4 I	230/200 x 140 x 130	8	120	3,5	6890	—
14/7-4 v					—	6900
14/7-3 Z I	350/300 x 200 x 145	60	600	8,5	6850	—
14/7-3 Z v					—	6860
14/7-3 I	350/300 x 200 x 200	60	1000	11,5	6810	—
14/7-3 v					—	6820
14/7-2 H I	500/450 x 300 x 145	80	600	18,0	6770	—
14/7-2 H v					—	6780
14/7-2 I	500/450 x 300 x 200	120	1200	27,0	6720	—
14/7-2 v					—	6730
14/7-2 Z I	520/450 x 300 x 300	150	1500	41,0	6690	—
14/7-2 Z v					—	6700
14/7-1 Z I	520/450 x 450 x 300	150	1500	60,0	6670	—
14/7-1 Z v					—	6680
14/7-1 I	700/630 x 450 x 300	180	2500	83,0	6650	—
14/7-1 v					—	6660



Accessories for 14/7 series made from sheet steel

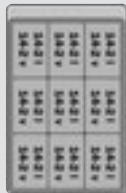


Partitioning examples with insert boxes

For 14/7-3 Z
and 14/7-3



For 14/7-2



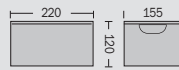
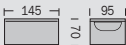
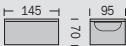
For 14/7-1



Insert boxes

Made from blue polyethylene or grey-blue steel, either with painted finish or galvanised.

Item	Contents (litre)	Order no.			
14-2 PE	0,86	7104		—	—
14-2 I	0,86	—	7080	—	
14-2 v	—	—	—	7090	
14-1 I	4,10	—	7060	—	
14-1 v	—	—	—	7070	



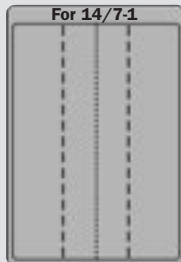
For 14/7-3 Z
and 14/7-3



For 14/7-2



For 14/7-1



Dividers

Galvanised sheet steel for front-to-back division of containers.

Item	For containers	Unit	Order no.
ZW-3 Z-B	14/7-3 Z	1 dividing wall and 1 pair of slotted strips	16950
ZW-3-B	14/7-3	1 dividing wall and 1 pair of slotted strips	7050
ZW-2-B	14/7-2	1 dividing wall and 1 pair of slotted strips	7040
ZW-1-B	14/7-1	1 dividing wall and 1 pair of slotted strips	7030



Dust cover SD

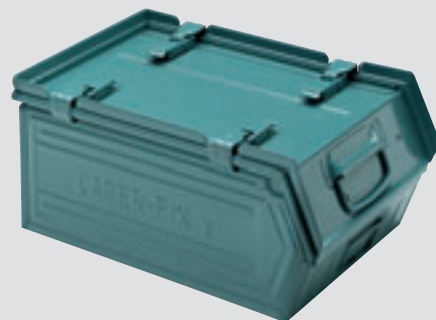
Made from galvanised sheet steel.

Item	For containers	Unit	Order no.
SD -1	14/7-1	10	7220
SD -1 Z	14/7-1 Z	10	7230
SD -2	14/7-2	10	7240
SD -3	14/7-3	10	7260
SD -4	14/7-4	10	7280

Clear dust flap SK

Made from transparent plastic, for closure of the semi-open front and access opening.

Item	For containers	Unit	Order no.
SK -1	14/7-1	10	7290
SK -11	14/7-1 Z	10	7300
SK -2-B	14/7-2	10	7310
SK -21-B	14/7-2 Z	10	7320
SK -3-B	14/7-3	10	7330
SK -31-B	14/7-3 Z	10	7340



Lid

For shipment by rail or road. The toggle fasteners for sheet steel containers can be sealed. The containers can still be stacked with the lockable lid fitted. Finish: painted grey-blue.

Item	For containers	Order no.
VD 14/7-1	14/7-1	7190
VD 14/7-2	14/7-2	7200
VD 14/7-3	14/7-3	7210

Stackable transport containers – individual warehouse usage

The 14/6 series stackable transport containers in sheet steel or plastic are particularly suitable for in-plant transport and shipping and are compatible with all SSI SCHAEFER shelving systems. Very versatile warehouse usage due to a large range of different sizes.

14/6 series made from plastic is compatible with the 14/6 series steel containers and with 14/7 series made of steel and plastic.

For “heavy products” with a max. load of 250 kg – the steel type is to be used.

Full-height walls enable maximum storage potential. The strong stacking rim and base edge means that it can be securely stacked during in-plant and external transport.



The stacking proportions





► Polypropylene

resistant to most oils, acids and alkalis, noise absorbent on conveyors, withstands temperatures between -20° and +100° Celsius

► Polyethylene

resistant to most acids and alkalis, withstands temperatures between -40° and +80° Celsius, the base material is suitable for use with food-stuffs

► Robust and stable design

► Smooth internal walls

for easy cleaning

► Recessed hand grip on both ends

for secure manual transport

► Stackable

with LF series made from plastic, 14/7 series made from plastic and steel, 14/6 series made from steel

► Conductive polypropylene (PPL)

	Normal PE/PP	PPL
Specific volume resistance	10 ¹⁸ Ohm x cm <	10 ³ Ohm x cm
Specific surface resistance	10 ¹⁴ Ohm	10 ⁴ Ohm

PPL BLACK

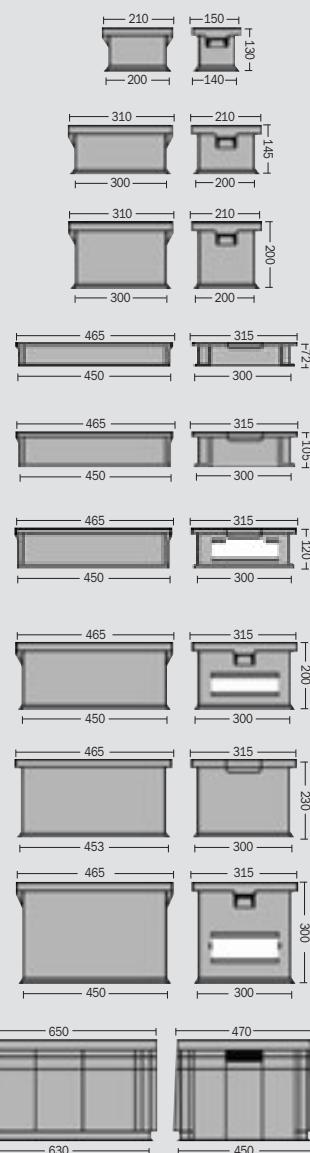


14/6 series made from plastic

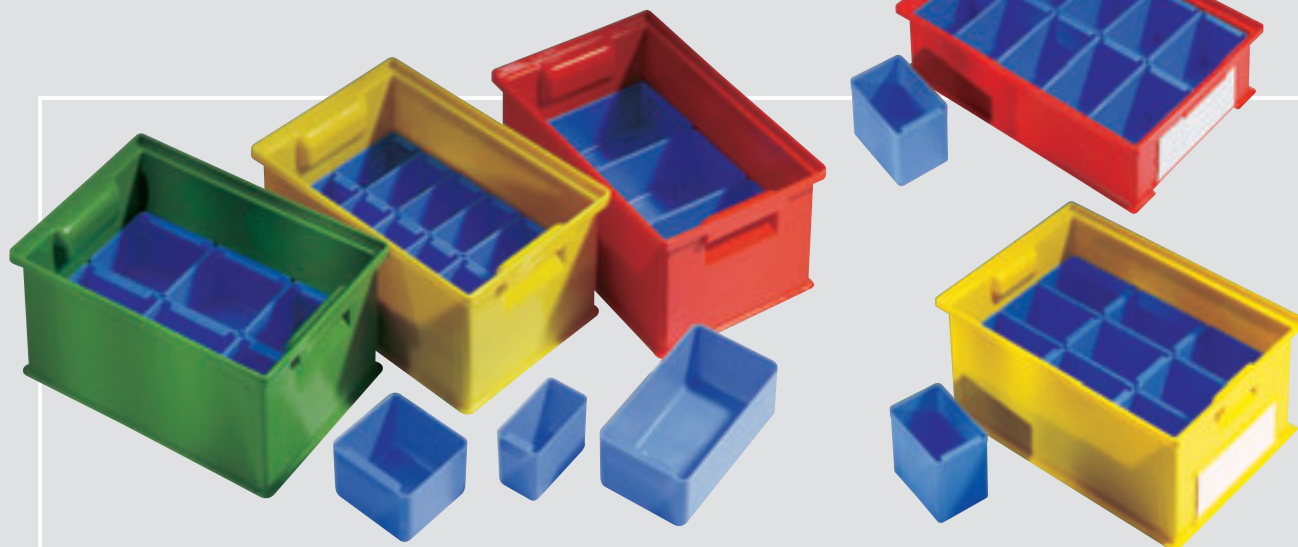


Stackable transport containers made from plastic/conductive PPL – 14/6 series

Item	Interior dimensions when stacked L x W x useable height (mm)	Capacity (litre)	Unit	Order no.				Order no.
								
14/6-4 PP	191 x 123 x 117	2,5	40	8151	8152	8153	8154	—
14/6-4 PPL				—	—	—	—	8158
14/6-3 PP	285 x 183 x 131	7,0	20	8121	8122	8123	8124	—
14/6-3 PPL				—	—	—	—	8128
14/6-3 S PP	286 x 182 x 181	9,3	1	14131	14132	14133	14134	—
	with card holder on the front							
14/6-3 S PPL				—	—	—	—	14138
14/6-2 F PP	429 x 279 x 58	8,0	30	15491	15492	15493	15494	—
14/6-2 F PPL				—	—	—	—	15498
14/6-2 G PP	429 x 279 x 89	10,3	20	14121	14122	14123	14124	—
14/6-2 G PPL				—	—	—	—	14128
14/6-2 H PP	428 x 278 x 105	12,0	16	14361	14362	14363	14364	—
	with label holders							
14/6-2 H PPL				—	—	—	—	14368
14/6-2 PP	426 x 278 x 181	21,0	10	8091	8092	8093	8094	—
	with label holders							
14/6-2 PPL				—	—	—	—	8098
14/6-230 PP	425 x 275 x 217	26,0	10	15751	15752	15753	15754	—
	recessed hand grip on request							
14/6-230 PPL				—	—	—	—	15758
14/6-2 Z PP	423 x 272 x 284	33,0	1	14371	14372	14373	14374	—
	with label holders							
14/6-2 Z PPL				—	—	—	—	14378
14/6-1 PE	608 x 426 x 276	71,0	4	16561	16562	16563	16564	—
	with label holders							
14/6-1 PPL				—	—	—	—	16568

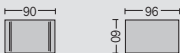
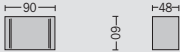


Accessories for 14/6 series made of plastic



Insert boxes

Made from blue polystyrene or black, conductive PPL.

Item	For containers	L x W x H (mm)	Required containers	Unit	Order no.
	EK 1	14/6-3	180 x 96 x 60	3	58
EK 1 PPL					1134 —
	EK 2	14/6-3	90 x 96 x 60	6	80
EK 2 PPL					1144 —
	EK 3	14/6-3	90 x 48 x 60	12	120
EK 3 PPL					1154 —
	EK 111-N	14/6-2 H	137 x 87 x 96	9	48
EK 111-N PPL					4364 —
	EK 111	14/6-2	137 x 87 x 110	9	48
EK 111 PPL					22644 —

Partitioning examples with insert boxes for 14/6-3



For 14/6-2 H



For 14/6-2



Dust cover with grip hole

Recommended for in-house movement of goods which need protection against dust and dirt.

Item	For containers	Unit	Order no.
SD-14/6-1 PS	14/6-1	10	16006
SD-14/6-2 PS	14/6-2	10	15946
SD-14/6-3 PS	14/6-3	10	13656
SD-14/6-4 PS	14/6-4	10	13666

Index cards

Item	For containers	Unit	Order no.
EHE 182	14/6-1 and 14/6-3	100	91880
EHE 188	14/6-2, 14/6-2 H, 14/6-2 Z, 14/6-230	100	91870

Clip

For accompanying documents. This way, the documents stay with the product from order picking to final inspection.

Item	Order no.
KM 14/6	15950

Lifting trolleys for semi-open front storage and stackable transport containers



Lifting trolley for 14/7 series made from plastic

Steel frame, painted blue-grey. Max. load 200 kg.
Swivel / fixed castors-Ø 125/200 mm.

Item	For containers	Order no.
SHK 1	LF 543, 14/7-1	16720



Lifting trolley for 14/6 series made from plastic

Steel frame, painted blue-grey. Max. load 200 kg.
Swivel / fixed castors-Ø 125/200 mm.

Item	For containers	Order no.
SHK 1	14/6-1	16720



Lifting trolley for 14/7 series made from sheet steel

Steel frame, painted blue-grey. Max. load 300 kg.
Swivel / fixed castors-Ø 125/195 mm.

Item	For containers	L x W x H (mm)	Order no.
SH 1	14/7-1, 14/7-1 Z	880 x 630 x 280	10790

Lifting trolley for 14/7 series made from sheet steel

Steel frame, painted blue-grey. Max. load 200 kg.
Swivel / fixed castors-Ø 125/195 mm.

Item	For containers	L x W x H (mm)	Order no.
SH 2	14/7-2	725 x 480 x 185	10800
SH 2 Z	14/7-2 Z	725 x 480 x 185	on req.



Lifting trolley for 14/6 series made from sheet steel

Steel frame, painted blue-grey. Max. load 300 kg.
Swivel / fixed castors-Ø 125/195 mm.

Item	For containers	L x W x H (mm)	Order no.
SH 1	14/6-1	880 x 630 x 280	10790

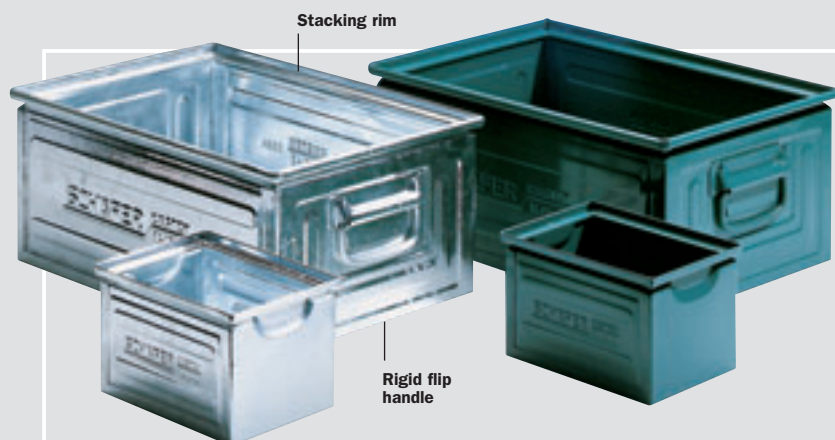
Lifting trolley for 14/6 series made from sheet steel

Steel frame, painted blue-grey. Max. load 200 kg.
Swivel / fixed castors-Ø 125/195 mm.

Item	For containers	L x W x H (mm)	Order no.
SH 2	14/6-2	725 x 480 x 185	10800
SH 2 Z	14/6-2 Z	725 x 480 x 185	on req.



14/6 series made from sheet steel



► Sheet steel

for high mechanical loads,
available in blue-grey painted
finish or galvanised

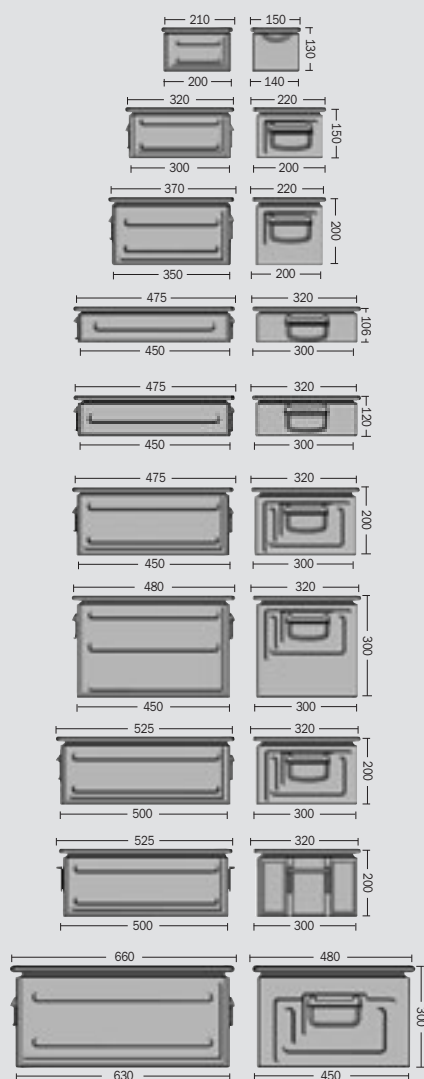
► Impressive stacking ability

► Stackable

with series LF made from plastic,
14/7 series made from plastic and steel,
14/6 series made from plastic

► High stability

due to tubular stacking rim



Steel transport containers, stackable – 14/6 series

Item	Nominal measurements L x W x H (mm)	Max. load (kg) Single	Stack	Capacity (litre)	Order no.	
14/6-4 I	200 x 140 x 130	8	120	3,6	8130	—
14/6-4 v					—	8140
14/6-3 I	200 x 140 x 150	60	1000	9,0	8100	—
14/6-3 v					—	8110
14/6-B I	350 x 200 x 200	80	1000	13,0	8180	—
14/6-B v					—	8190
14/6-2 G I	450 x 300 x 106	100	800	12,5	15730	—
14/6-2 G v					—	15740
14/6-2 H I	450 x 300 x 120	100	1000	15,0	16520	—
14/6-2 H v					—	16540
14/6-2 I	450 x 300 x 200	120	1200	25,0	8070	—
14/6-2 v					—	8080
Lifting trolley SH 2 on page A17						
14/6-2 Z I	450 x 300 x 300	150	1200	35,0	15880	—
14/6-2 Z v					—	15890
14/6-A I	500 x 300 x 200	120	1200	30,0	8160	—
14/6-A v					—	8170
10/6-b I	500 x 300 x 200	200	1500	30,0	8270	—
10/6-b v	for heavy loads, fixed grip and drag rails				—	8280
14/6-1 I	630 x 450 x 300	250	2500	80,0	8050	—
14/6-1 v					—	8060
Lifting trolley SH 1 on page A17						

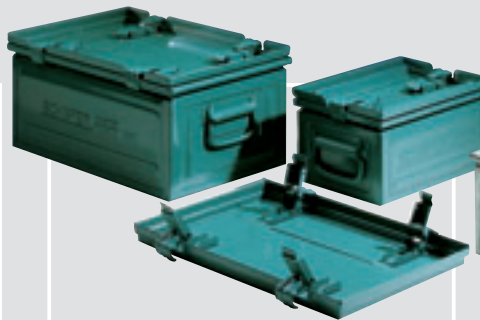
Accessories for 14/6 series made from sheet steel



Card holder DIN A5

Self-adhesive transparent plastic, for work documents and accompanying paperwork. Access opening at the top.

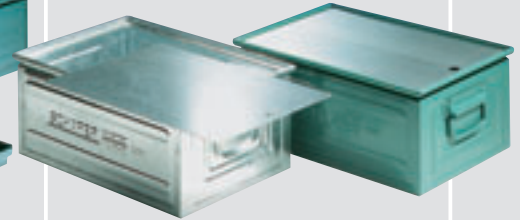
Item	Order no.
FLTO 14/6	8210



Fastening lid for 14/6 series

Sheet steel with painted finish. For transport by rail or road. The containers may be stacked even when lids are in place. Fastening clips can be sealed.

Item	For containers	Order no.
VD-14/6-1	14/6-1	8220
VD-14/6-2	14/6-2	8230
VD-14/6-3	14/6-3	8240

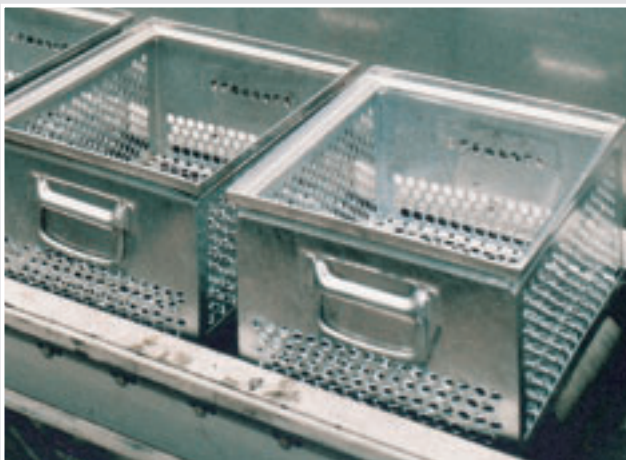


Dust cover with grip hole

Galvanised sheet steel. Recommended for in-house transport of products which need protection from dirt and dust.

Item	For containers	Unit	Order no.
SD-14/6-1 v	14/6-1	10	9320
SD-14/6-2 v	14/6-2	10	9330

Custom-made perforated containers for 14/6 and 14/7 series made from sheet steel



Advantages of the tubular-profiled stacking rim

The tubular-profiled stacking rim has a triple layered steel thickness which makes the container extremely impact-resistant. A further model is the container with folded stacking rim (double thickness).

The rim perforations on the underside ensure that cleaning agents and chemicals drain off immediately after the cleaning process and are not carried off. This ensures that the valid regulations of the 2nd Air Pollution act are fully adhered to.

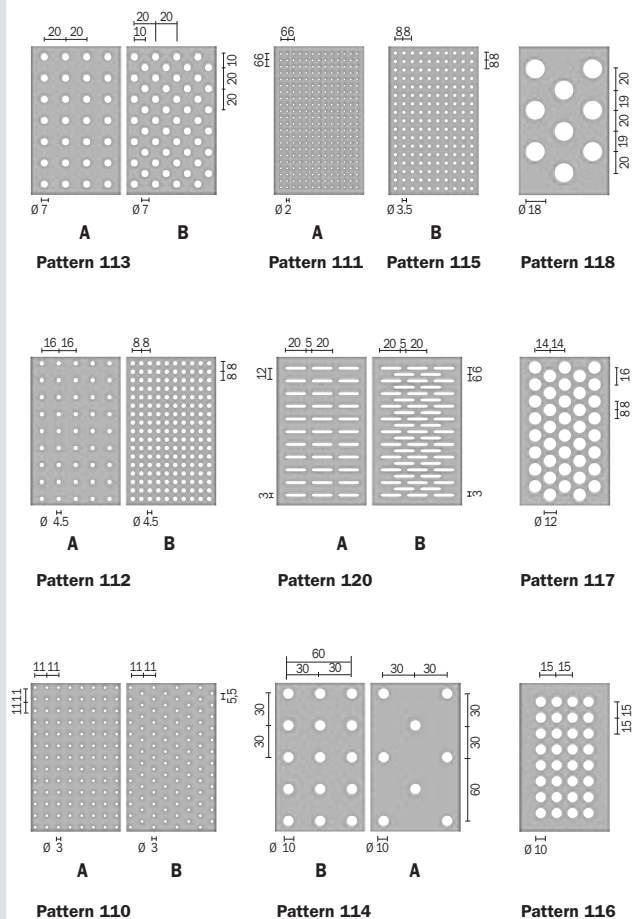


Folded stacking rim

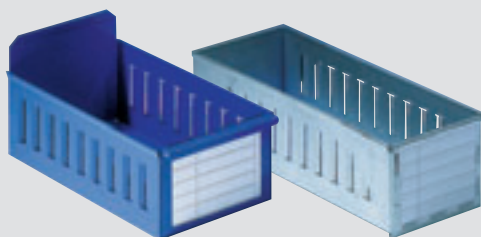


Rolled stacking rim

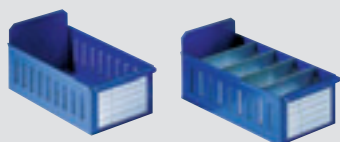
Hole patterns



Steel shelf containers



Label area for the shelf container Label area for the divider Divider

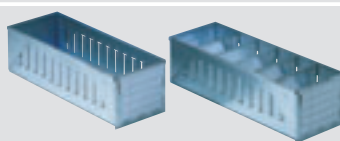


RK 301 blue painted steel, sub-dividable into 10 comp. max., 6 containers per shelf.

Item	Designation (W x D x H mm)	Unit	Order no.
RK 301	Shelf container (160 x 300 x 100/137)	1 piece	11550
RKE 386	Labels for front sections	100 pieces	11190
RKF 386	Protective film	100 pieces	11920
RKT 335	Divider, galvanised	1 piece	11150

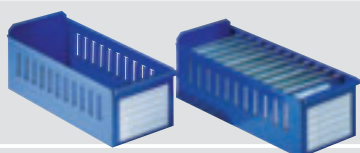


* only for containers without pull-out stopper



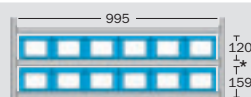
RK 2386 galv. steel, sub-dividable in 12 compartments max., 7 containers per shelf.

RK 2386	Shelf container (130 x 385 x 100)	1 piece	18240
RKE 2386	Labels for front sections	100 pieces	11560
RKF 2386	Protective film	100 pieces	11570
RKT 2386	Divider, galvanised	1 piece	18250

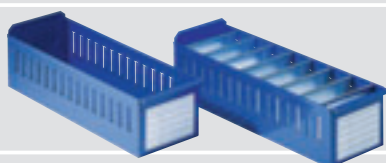


RK 386 blue painted steel, sub-dividable into 12 comp. max., 6 containers per shelf.

RK 386	Shelf container (160 x 385 x 120)	1 piece	11170
RKE 386	Labels for front sections	100 pieces	11190
RKF 386	Protective film	100 pieces	11920
RKT 386	Divider, galvanised	1 piece	11180



* only for containers without pull-out stopper



RK 512 blue painted steel, sub-dividable into 16 comp. max., 6 containers per shelf.

RK 512	Shelf container (160 x 486 x 120)	1 piece	16210
RKE 386	Labels for front sections	100 pieces	11190
RKF 386	Protective film	100 pieces	11920
RKT 512	Divider, galvanised	1 piece	16340



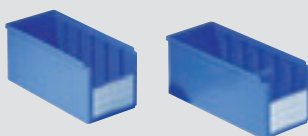
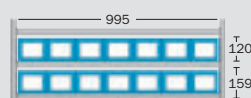
* only for containers without pull-out stopper

Plastic shelf containers for depth 300 mm



RK 300 blue polypropylene, sub-dividable into 6 comp. max., 7 containers per shelf.

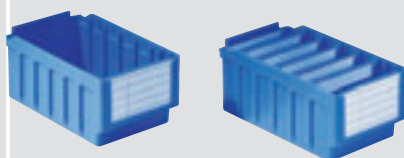
Item	Designation (W x D x H mm)	Unit	Order no.
RK 300	Shelf container (135 x 300 x 120)	25 pieces	14714
RKE 300	Labels	100 pieces	21700
RKF 300	Protective film	100 pieces	21710
RKT 300	Divider	25 pieces	14720



RK 300 HO blue polypro., sub-dividable into 6 comp. max., 7 containers per shelf.

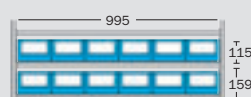
With semi-open front.

RK 300 HO	Shelf container (135 x 300 x 120)	25 pieces	14874
RKE 300 HO	Labels	100 pieces	21720
RKF 300 HO	Protective film	100 pieces	21730
RKT 300	Divider	25 pieces	14720



RK 321 blue polyst., sub-dividable in 6 compartments max., 6 containers per shelf.

RK 321	Shelf container (162 x 290 x 115)	22 pieces	1674
RKE 321	Labels for front sections	100 pieces	1720
RKF 321	Protective film	100 pieces	1790
RKT 321	Divider	25 pieces	1684
RKE 500 N	Labels for divider	100 pieces	1740
RKF 500 N	Protective film	100 pieces	1800



BLUE SHEET STEEL SHEET STEEL

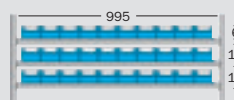


GALVANISED BLUE PAINTED FINISH

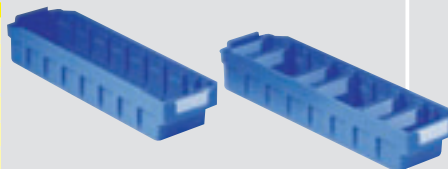
- **Steel, polypropylene and polystyrene versions**
- **Coordinated to fit SSI SCHAEFER shelving**
- **Extensive range of accessories**
Labelling and partitioning options
(advantageous in large and small storage areas)
- **Conductive designs available on request**

Plastic shelf containers for depth 400/500 mm

RK 400 S blue polyst., sub-dividable into 8 comp. max., 10 containers per shelf.



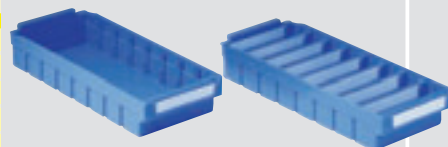
Item	Designation (W x D x H mm)	Unit	Order no.
RK 400 S	Shelf container (97 x 390 x 64)	22 pieces	17984
RKE 400 S	Labels for front sections	100 pieces	1730
RKF 400 S	Protective film	100 pieces	1810
RKT 400 S	Divider	25 pieces	17994
RKE 400 S	Labels for divider	100 pieces	1730
RKF 400 S	Protective film	100 pieces	1810



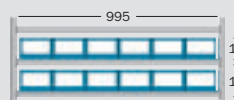
RK 400 blue polyst., sub-dividable in 8 compartments max., 6 containers per shelf.



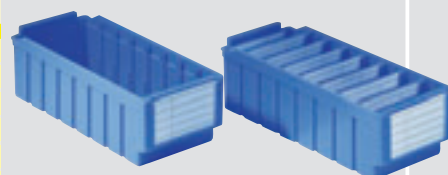
RK 400	Shelf container (162 x 408 x 66)	20 pieces	17904
RKE 500 N	Labels for front sections	100 pieces	1740
RKF 500 N	Protective film	100 pieces	1800
RKT 400	Divider	25 pieces	17914
RKE 400	Labels for divider	100 pieces	17920
RKF 400	Protective film	100 pieces	17930



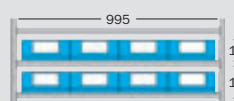
RK 421 blue polyst., sub-dividable in 8 compartments max., 6 containers per shelf.



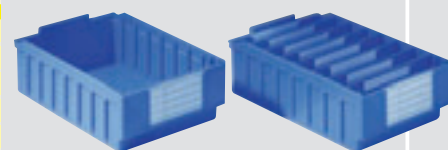
RK 421	Shelf container (162 x 408 x 115)	1 pieces	16904
RKE 321	Labels for front sections	100 pieces	1720
RKF 321	Protective film	100 pieces	1790
RKT 5/421	Divider	25 pieces	16924
RKE 400	Labels for divider	100 pieces	17920
RKF 400	Protective film	100 pieces	17930



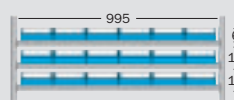
RK 421 B blue polyst., sub-dividable into 8 comp. max., 4 containers per shelf.



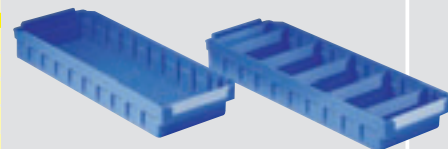
RK 421 B	Shelf container (243 x 390 x 115)	13 pieces	1564
RKE 321	Labels for front sections	100 pieces	1720
RKF 321	Protective film	100 pieces	1790
RKT 5/421 B	Divider	25 pieces	1574
RKE 500 N	Labels for divider	100 pieces	1740
RKF 500 N	Protective film	100 pieces	1800



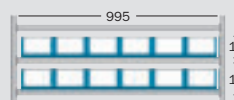
RK 500 N blue polyst., sub-dividable into 10 comp. max., 6 containers per shelf.



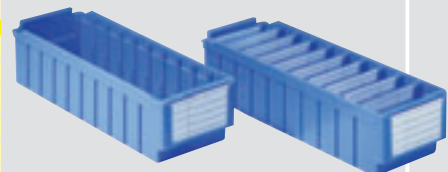
RK 500 N	Shelf container (162 x 490 x 64)	40 pieces	1584
RKE 500 N	Labels for front sections	100 pieces	1740
RKF 500 N	Protective film	100 pieces	1800
RKT 500 N	Divider	25 pieces	1594
RKE 500 N	Labels for divider	100 pieces	1740
RKF 500 N	Protective film	100 pieces	1800



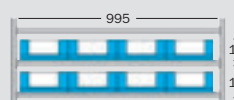
RK 521 blue polyst., sub-dividable in 10 compartments max., 6 containers per shelf.



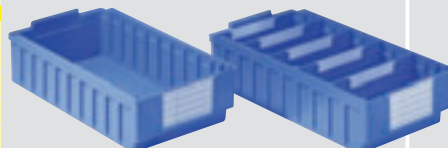
RK 521	Shelf container (162 x 508 x 115)	20 pieces	16914
RKE 321	Labels for front sections	100 pieces	1720
RKF 321	Protective film	100 pieces	1790
RKT 5/421	Divider	25 pieces	16924
RKE 400	Labels for divider	100 pieces	17920
RKF 400	Protective film	100 pieces	17930



RK 521 B blue polyst., sub-dividable into 10 com. max., 4 containers per shelf.



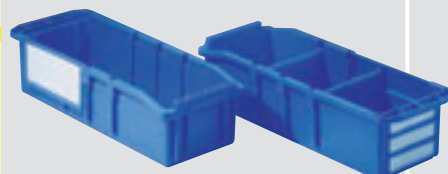
RK 521 B	Shelf container (243 x 490 x 115)	10 pieces	1554
RKE 321	Labels for front sections	100 pieces	1720
RKF 321	Protective film	100 pieces	1790
RKT 5/421 B	Divider	25 pieces	1574
RKE 500 N	Labels for divider	100 pieces	1740
RKF 500 N	Protective film	100 pieces	1800



RK 522 blue polypropylene, sub-dividable into 4 comp. max., 5 containers per shelf.



RK 522 PP	Shelf container (190 x 520 x 121)	15 pieces	1874
RKE 522 S	Labels for front sections	100 pieces	4520
RKF 522 S	Protective film	100 pieces	4530
RKE 522 S	Labels for long sections container front	100 pieces	4500
RKF 522 L	Protective film	100 pieces	4510
RKT 522 PP	Divider	25 pieces	1880



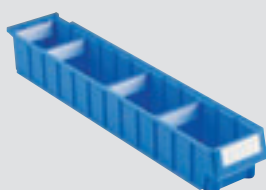
Plastic shelf containers for depth 600 mm



RK 619-02 blue polypropylene

sub-dividable into 11 compartments max., 8 containers per shelf.

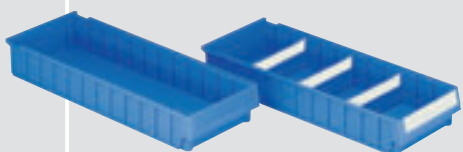
Item	Designation (W x D x H mm)	Unit	Order no.
RK 619-02	Shelf container (116 x 599 x 90)	20 pieces	20954
RKE 619	Labels for front sections	100 pieces	20910
RKF 619	Protective film	100 pieces	20920
RKT 61	Divider	25 pieces	21154
RKE 619	Labels for divider	100 pieces	20910
RKF 619	Protective film	100 pieces	20920



RK 619-01 blue polypropylene

sub-dividable into 12 compartments max., 8 containers per shelf.

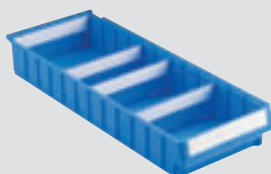
RK 619-01	Shelf container (116 x 620 x 90)	20 pieces	21144
RKE 619	Labels for front sections	100 pieces	20910
RKF 619	Protective film	100 pieces	20920
RKT 61	Divider	25 pieces	21154
RKE 619	Labels for divider	100 pieces	20910
RKF 619	Protective film	100 pieces	20920



RK 629-02 blue polypropylene

sub-dividable into 11 compartments max., 4 containers per shelf.

RK 629-02	Shelf container (232 x 599 x 90)	10 pieces	20964
RKE 629	Labels for front sections	100 pieces	20930
RKF 629	Protective film	100 pieces	20940
RKT 62	Divider	25 pieces	21174
RKE 629	Labels for divider	100 pieces	20930
RKF 629	Protective film	100 pieces	20940



RK 629-01 blue polypropylene

sub-dividable into 12 compartments max., 4 containers per shelf.

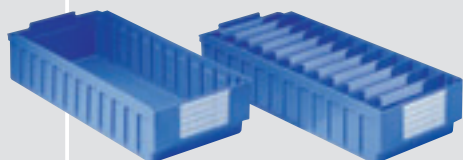
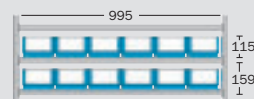
RK 629-01	Shelf container (232 x 620 x 90)	10 pieces	21164
RKE 629	Labels for front sections	100 pieces	20930
RKF 629	Protective film	100 pieces	20940
RKT 62	Divider	25 pieces	21174
RKE 629	Labels for divider	100 pieces	20930
RKF 629	Protective film	100 pieces	20940



RK 621 blue polystyrene

sub-dividable into 12 compartments max., 6 containers per shelf.

RK 621	Shelf container (162 x 590 x 115)	12 pieces	1894
RKE 321	Labels for front sections	100 pieces	1720
RKF 321	Protective film	100 pieces	1790
RKT 5/421	Divider	25 pieces	16924
RKE 400	Labels for divider	100 pieces	17920
RKF 400	Protective film	100 pieces	17930



RK 621 B blue polystyrene

sub-dividable into 12 compartments max., 4 containers per shelf.

RK 621 B	Shelf container (243 x 590 x 115)	8 pieces	1904
RKE 321	Labels for front sections	100 pieces	1720
RKF 321	Protective film	100 pieces	1790
RKT 5/421 B	Divider	25 pieces	1574
RKE 500 N	Labels for divider	100 pieces	1740
RKF 500 N	Protective film	100 pieces	1800



BLUE

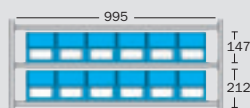


- **Steel, polypropylene and polystyrene versions**
- **Coordinated to fit SSI SCHAEFER shelving**
- **Extensive range of accessories**
labelling and partitioning options
(advantageous in large and small storage areas)
- **Conductive designs available on request**

Plastic shelf containers for depth 300 mm

RK-SB 3 blue polystyrene

not dividable, 6 containers per shelf.



Item	Designation (W x D x H mm)	Unit	Order no.
RK-SB 3	Shelf container (145 x 320 x 147)	1 piece	1714
RKE/SB 1	Labels for front sections	100 pieces	1630
RKF/SB 1	Protective film	100 pieces	1640



RK-SB 2 blue polystyrene

not dividable, 3 containers per shelf.

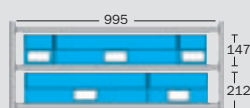


Item	Designation (W x D x H mm)	Unit	Order no.
RK-SB 2	Shelf container (295 x 320 x 147)	1 piece	1704
RKE/SB 1	Labels for front sections	100 pieces	1630
RKF/SB 1	Protective film	100 pieces	1640

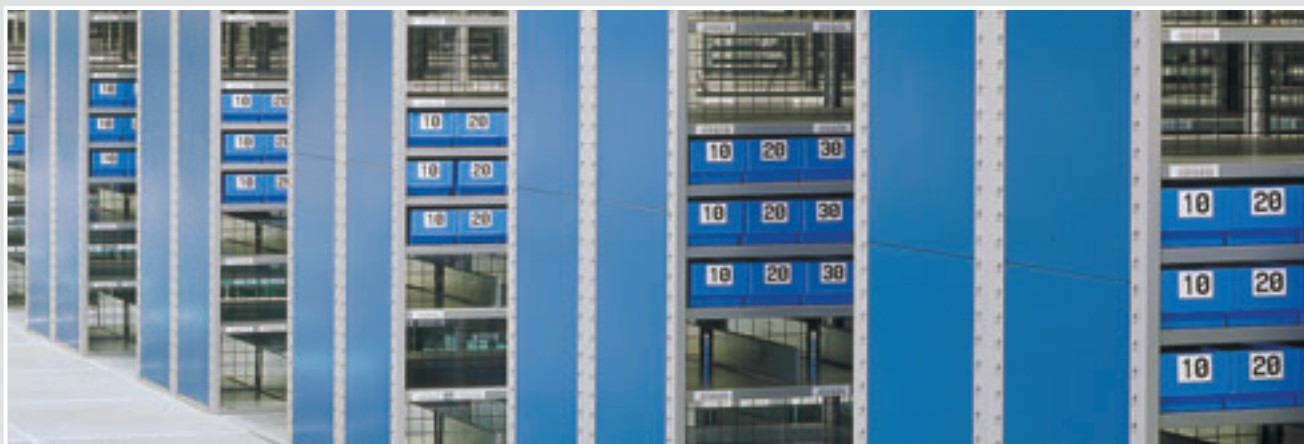


RK-SB 1 blue polystyrene

not dividable, 1 x RK-SB 1 and 1 x RK-SB 2 per shelf
or 1 x RK-SB 1 and 2 x RK-SB 3 per shelf.



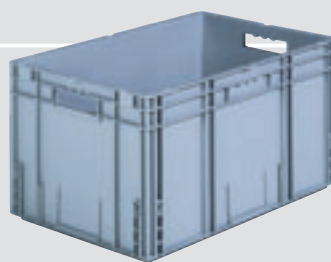
Item	Designation (W x D x H mm)	Unit	Order no.
RK-SB 1	Shelf container (595 x 320 x 147)	1 piece	1694
RKE/SB 1	Labels for front sections	100 pieces	1630
RKF/SB 1	Protective film	100 pieces	1640



Overview for containers with Euro dimensions

Efficient supply, storage and distribution with the extensive range of SSI SCHAEFER Euro containers. All containers are sized to fit Euro pallets, whether as transport containers

or for semi-automatic or fully-automatic storage systems. SSI SCHAEFER containers with Euro dimensions are used throughout all sectors.


EF series

MF series

LTB series

Applications	Euro-Fix containers Container for manual and automatic handling. Over 150 solid and perforated standard models for external and internal goods transport in all sectors as re-usable packaging		Multi-functional containers The perfect container for fully-automatic storage systems and manufacturing, equally suited as re-usable packaging for external transport		Storage and transport containers All in one. For constant flow of material work pieces within the range of transport and storage	
Basic dim. (mm)	200 x 150, 400 x 300, 600 x 400,	300 x 200 400 x 400 800 x 600	200 x 150 300 x 200 400 x 300 600 x 400		400 x 300 600 x 400	
Standard material	Polypropylene		Polypropylene		Polypropylene	
Max. content load*	20 kg, 50 kg, 70 kg		35 kg, 50 kg, 70 kg		50 kg, 70 kg	
Max. stacking load*	600 kg		600 kg		600 kg	
Recyclable	✓		✓		✓	
Conductive version	✓		✓		on request	
Stackable	✓		✓		✓	
Manual handling	✓		✓		✓	
Codeable	✓		✓		✓	
Conveyors	✓		✓		✓	
AKL lifting techno.	—		✓		✓	
AKL pulling techno.	✓		✓		✓	
AKL gripping techno.	✓		✓		✓	

* Approximate value with evenly distributed load dependant on selected base and with consideration of the targeted application


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from pages

► Versatile container systems
in Euro dimensions



LTF series

Storage and transport system

Containers for fully-automatic storage systems as well as re-usable packaging for external transport

600 x 400



Polypropylene

35 kg, 50 kg, 70 kg

600 kg



on request



A42



LTS series

Storage and transport system

Extremely robust container for automatic storage systems

300 x 200
400 x 300
600 x 400



Polypropylene

50 kg

600 kg



on request



A44



KLT series

KLT container systems

Special containers for material flow conforming to VDA standard in the car industry for component transport between car OEM's and tiered suppliers

R-, RL-, C-, F- and L-KLT series

300 x 200
400 x 300
600 x 400



Polypropylene

20 kg, 50 kg

600 kg



on request



✓ gripping technology



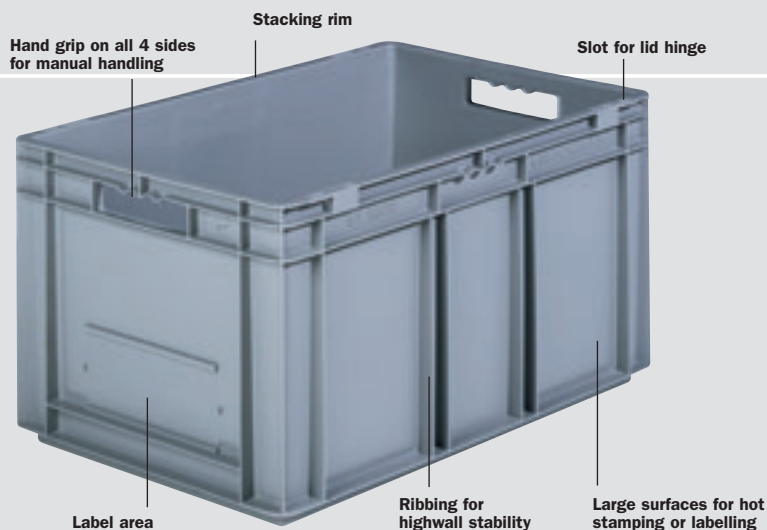
A54

EF series – container for manual and automatic handling

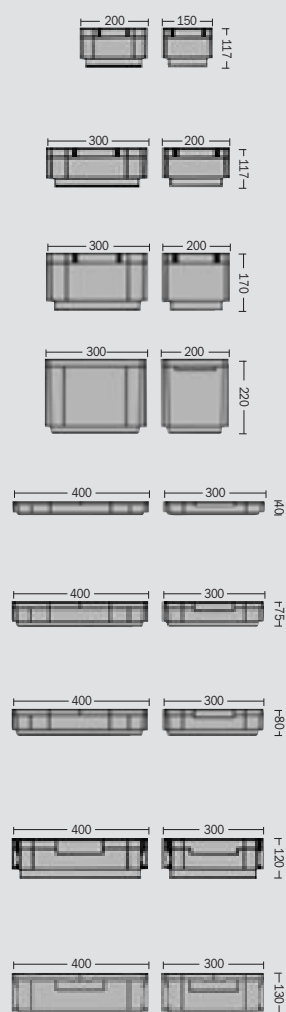
EF Euro-Fix containers

Efficient supply, storage and distribution are guaranteed by using the extensive EF series by SSI SCHAEFER. They come in 25 different sizes and 150 types. Sturdy stacking rims ensure that the containers can be securely stacked with a stacking load of up to 600 kg, independent of the area of use.

EF containers are also available in a conductive version and in special types.



Standard EF containers

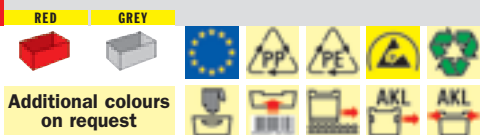


Item	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Base	Walls	Order no.	Order no.	Order no.
EF 2120 PP	152 x 104 x 102	1,9					—
EF 2120 PPL					22031	22035	22038
EF 3120 PP	252 x 152 x 102	4,2			22021	22025	—
EF 3120 PPL					—	—	22028
EF 3170 PP	252 x 152 x 147	6,5			22261	22265	—
EF 3170 PPL					—	—	22268
EF 3220 PP	252 x 152 x 197	9,0			22931	22935	—
EF 3220 PPL					—	—	22938
EF 4040 PP	357 x 257 x 27	3,5			15501	15505	—
EF 4040 PPL					—	—	15508
EF 4070 PP	357 x 257 x 60	6,5			21741	21745	—
EF 4070 PPL					—	—	21748
EF 4080 PP	357 x 257 x 67	7,3			15511	15515	—
EF 4080 PPL					—	—	15518
EF 4120 PP	354 x 254 x 105	10,8			14891	14895	—
EF 4120 PPL					—	—	14898
EF 4121 PE					16151	16155	—
EF 4123 PE	354 x 254 x 102	10,8			14901	14905	—
EF 4130 PP	356 x 256 x 116	11,9			15351	15355	—
EF 4130 PPL					—	—	15358
EF 4131 PE					15361	15365	—

Closed

Perforated

Reinforced



- **Polypropylene**
resistant to most oils, acids and alkalis, noise absorbent on conveyors, withstands temperatures between -20° and +100° Celsius
- **Polyethylene**
resistant to most acids and alkalis, withstands temperatures between -40° and +80° Celsius, the base material is suitable for use with foodstuffs
- **Robust and stable design**
- **Smooth internal walls**
for easy cleaning
- **Sturdy stacking rims**
for secure stacking of up to 600 kg stacking load
- **Optimal ribbing**
for secure storage and transport
- **Compatible**
with all Euro containers
- **Flexibility**
in 25 sizes and over 150 types

► Conductive polypropylene (PPL)

	Normal PE/PP	PPL
Specific volume resistance	10^{18} Ohm x cm <	10^3 Ohm x cm
Specific surface resistance	10^{14} Ohm	10^4 Ohm

PPL BLACK



EF series with reinforced base

Some containers are available for extremely heavy loads with reinforced and ribbed bases: max. load 50 kg.

Strong rugged containers are a must for heavy loads within an automated small parts operation.

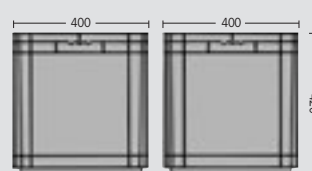
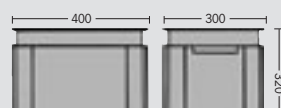
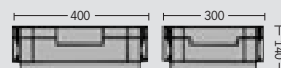
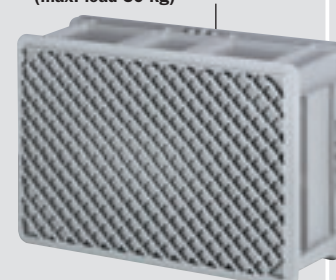
Not always in stock. Please request.

EF series – standard



Smooth standard base
(max. load 20 kg)

Reinforced base VB-S5 type
with rounded corners particularly
quiet for running on conveyors
(max. load 50 kg)



Standard EF containers

Item	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Base	Walls	Order no.  	Order no. 
EF 4140 PP	353 x 253 x 116	12,7			22271 22275	—
EF 4140 PPL					— —	22278
EF 4141 PE					22331 22335	—
EF 4143 PE	353 x 253 x 114	12,4			22341 22345	—
EF 4170 PP	353 x 253 x 146	15,5			22161 22165	—
EF 4170 PPL					— —	22168
EF 4171 PE					22171 22175	—
EF 4173 PE	353 x 253 x 144	15,2			22181 22185	—
EF 4170 VB PP	355 x 255 x 127	13,8			23161 23165	—
EF 4220 PP	353 x 253 x 196	20,2			14951 14955	—
EF 4220 PPL					— —	14958
EF 4221 PE					14961 14965	—
EF 4223 PE	353 x 253 x 194	19,9			14971 14975	—
EF 4320 PP	359 x 259 x 306	29,5			14741 14745	—
EF 4320 PPL					— —	14748
EFR 4070 PP	Top frame for raising				21751 21755	—
EFR 4070 PPL	The interior height by 63 mm				— —	21758
EF 4440 PP	352 x 352 x 396	53,9			22351 22355	—
EF 4441 PE					22361 22365	—
EF 4443 PE	359 x 259 x 306	53,5			22371 22375	—

 Closed

 Perforated

 Reinforced


Closed hand grip **



Open hand grip **



Recessed hand grip **



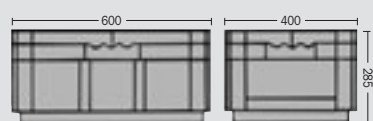
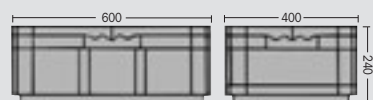
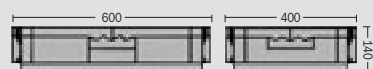
Closed hand grip with beveled
hand grip **

** Not always in stock. Please request.



EF series – standard (continued)

Standard EF containers



Item	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Base	Walls	Order no.	Order no.	Order no.
EF 6070 PP	555 x 355 x 59	14,3			22041	22045	—
EF 6070 PPL					—	—	22048
EF 6120 PP	552 x 352 x 96	23,3			16111	16115	—
EF 6120 PPL					—	—	16118
EF 6121 PE					16121	16125	—
EF 6123 PE		22,7			16141	16145	—
EF 6120 VB PP	555 x 355 x 77	19,6	VB		23171	23175	—
EF 6120 VB PPL			VB		—	—	23178
EF 6140 PP	552 x 352 x 116	27,4			22231	22235	—
EF 6140 PPL					—	—	22238
EF 6141 PE					22241	22245	—
EF 6143 PE	552 x 352 x 113	26,8			22251	22255	—
EF 6140 VB PP	555 x 355 x 197	23,7	VB		23181	23185	—
EF 6140 VB PPL			VB		—	—	23188
EF 6150 PP	552 x 352 x 127	29,4			21951	21955	—
EF 6150 PPL					—	—	21958
EF 6151 PE					21961	21965	—
EF 6153 PE	552 x 352 x 124	28,8			21971	21975	—
EF 6150 VB PP	555 x 355 x 108	26,0	VB		21891	21895	—
EF 6150 VB PPL			VB		—	—	21898
EF 6170 PP	559 x 359 x 154	34,2			15371	15375	—
EF 6170 PPL					—	—	15378
EF 6180 PP	552 x 352 x 156	35,4			15661	15665	—
EF 6180 PPL					—	—	15668
EF 6181 PE					22051	22055	—
EF 6183 PE	552 x 352 x 153	34,8			22061	22065	—
EF 6180 VB PP	555 x 355 x 137	31,8	VB		21981	21985	—
EF 6180 VB PPL			VB		—	—	21988
EF 6220 PP	551 x 351 x 196	43,5			14851	14855	—
EF 6220 PPL					—	—	14858
EF 6221 PE					16091	16095	—
EF 6223 PE	551 x 351 x 193	42,9			14861	14865	—
EF 6220 VB PP	555 x 355 x 177	39,9	VB		21861	21865	—
EF 6220 VB PPL			VB		—	—	21868
EF 6240 PP	552 x 352 x 216	47,5			22091	22095	—
EF 6240 PPL					—	—	22098
EF 6241 PE					22141	22145	—
EF 6243 PE	552 x 352 x 213	46,9			22151	22155	—
EF 6280 PP	551 x 351 x 260	56,6			21921	21925	—
EF 6280 PPL					—	—	21928
EF 6281 PE					21931	21935	—
EF 6283 PE	551 x 351 x 258	56,0			21941	21945	—
EF 6280 VB PP	551 x 351 x 258	53,0	VB		21881	21885	—
EF 6280 VB PPL			VB		—	—	21888

Closed

Perforated

VB Reinforced

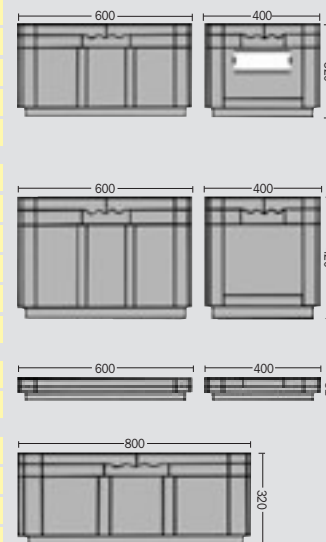


EF series – standard



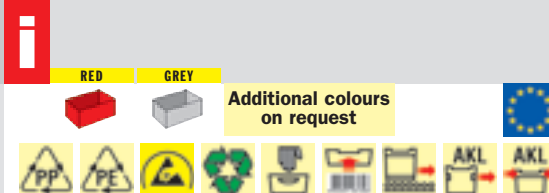
Standard EF containers

Item	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Base	Walls	Order no.		Order no.
					 		
EF 6320 PP	552 x 352 x 295	63,7			14831	14835	—
EF 6320 PPL					—	—	14838
EF 6321 PE					16071	16075	—
EF 6323 PE	552 x 352 x 293	63,1			14841	14845	—
EF 6320 VB PP	555 x 355 x 277	60,2			21871	21875	—
EF 6320 VB PPL					—	—	21878
EF 6420 PP	551 x 351 x 395	83,8			14921	14925	—
EF 6420 PPL					—	—	14928
EF 6421 PE					14931	14935	—
EF 6423 PE	551 x 351 x 393	83,2			14941	14945	—
EF 6420 VB PP	555 x 355 x 377	80,4			21991	21995	—
EF 6420 VB PPL					—	—	21998
EFR 6070 PP	Top frame for raising				22071	22075	—
EFR 6070 PPL	The interior height by 63 mm				—	—	22078
EF 8320 PP	754 x 554 x 286	122,0			14881	14885	—
EF 8320 PPL					—	—	14888
EF 8321 PE					22131	22135	—
EF 8320 SB PP	754 x 554 x 279	120,0			15521	15525	—


 Closed

 Perforated

 Reinforced

EF series – special

Special Euro-Fix containers

Opening in sides or ends in solid and mesh-type Euro-Fix containers, as well as combinations of various openings are available as Euro-Fix types. Because these are special types, they are not always available ex-stock (please request).

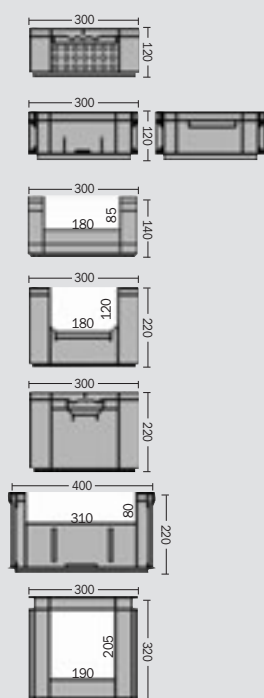
Special EF containers with the same advantages as the standard EF containers, but with the following additional features:

- ▶ **Semi-open, 3/4 open or max. opening of front or side walls**
- ▶ **Front or side walls** completely open to base
- ▶ **Perforated front walls**
- ▶ **Open front optional for flap**
- ▶ **Recessed or cup-shaped bevelled hand grip**
- ▶ **Reduced indentation**
- ▶ **Special label holder**
- ▶ **Base dimensions:**
400 x 300 mm / 600 x 400 mm / 800 x 600 mm



Special EF containers – Base dimensions of 400 x 300 mm

Item	Finish	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Base	Walls	Order no.	
EF 4120 G1	Front sides punched	354 x 254 x 105	10,8			92201	92205
EF 4120 G2	One front side with label	354 x 254 x 105	10,8			92211	92215
EF 4121 G2	holder, opposite side with	354 x 254 x 105	10,8			95611	95615
EF 4123 G2	recessed hand grip	354 x 254 x 102	10,8			95631	95635
EF 4140 L1	One front side open at the top	353 x 253 x 116	12,7			23191	23195
EF 4220 F1	One front side open at the top	353 x 253 x 196	20,2			92251	92255
EF 4221 F1	semi-open, with bevelled	353 x 253 x 196	20,2			95641	95645
EF 4223 F1	hand grip	353 x 253 x 194	19,9			95661	95665
EF 4220 F2	Both front sides with	353 x 253 x 196	20,2			92261	92265
EF 4221 F2	bevelled hand grip	353 x 253 x 196	20,2			95651	95655
EF 4223 F2		353 x 253 x 194	19,9			95671	95675
EF 4220 F3	One side open at the top	353 x 253 x 196	20,2			92961	92965
	open, with label holder						
EF 4320 H1	One front side 3/4 open,	359 x 259 x 306	29,5			95691	95695
	with option for flap						



Closed
 Perforated

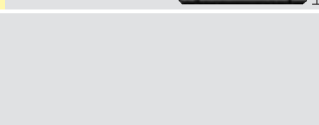
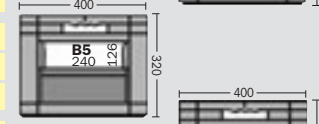
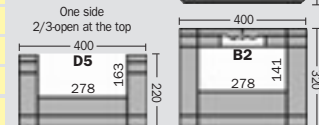
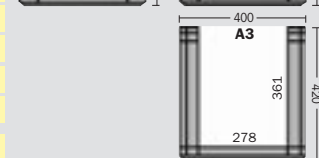
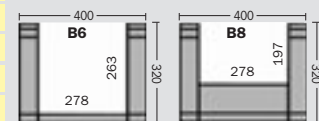
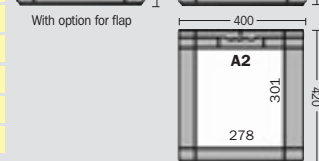
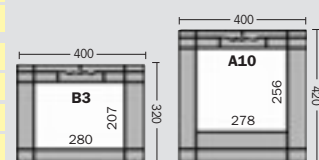
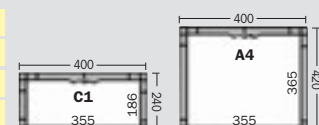
EF series – special



Special EF-containers – Base dimensions 600 x 400 mm

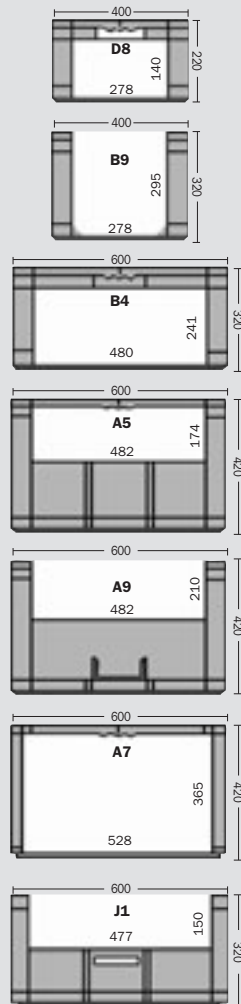
Item	Finish	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Base	Walls	Order no.
						 
EF 6120 E1	Reduced indentation,	552 x 352 x 106	23,3			92291 92295
EF 6121 E1	10 mm more interior height	552 x 352 x 106	23,3			92301 92305
EF 6123 E1	when stacked	552 x 352 x 103	22,7			92311 92315
EF 6240 C2		552 x 352 x 226	47,5			92521 92525
EF 6241 C2		552 x 352 x 226	47,5			92541 92545
EF 6243 C2		552 x 352 x 213	46,9			92561 92565
EF 6240 C1	One front side	552 x 352 x 216	47,5			92511 92515
EF 6241 C1	maximum opening	552 x 352 x 216	47,5			92531 92535
EF 6243 C1		552 x 352 x 213	46,9			92551 92555
EF 6420 A4		551 x 351 x 395	83,8			92831 92835
EF 6421 A4		551 x 351 x 395	83,8			92881 92885
EF 6423 A4		551 x 351 x 393	83,2			92931 92935
EF 6320 B3	One front side is fully open	552 x 352 x 295	63,7			92621 92625
EF 6321 B3		552 x 352 x 295	63,7			92681 92685
EF 6323 B3		552 x 352 x 293	63,1			92741 92745
EF 6420 A2		551 x 351 x 395	83,8			92811 92815
EF 6421 A2		551 x 351 x 395	83,8			92861 92865
EF 6423 A2		551 x 351 x 393	83,2			92911 92915
EF 6420 A10		551 x 351 x 395	83,8			95701 95705
EF 6421 A10		551 x 351 x 395	83,8			95731 95735
EF 6423 A10		551 x 351 x 393	83,2			95761 95765
EF 6320 B6	One side top open	552 x 352 x 295	63,7			92651 92655
EF 6321 B6		552 x 352 x 295	63,7			92711 92715
EF 6323 B6		552 x 352 x 293	63,1			92771 92775
EF 6320 B8		552 x 352 x 295	63,7			95791 95795
EF 6321 B8		552 x 352 x 295	63,7			95811 95815
EF 6323 B8		552 x 352 x 293	63,1			95831 95835
EF 6420 A3		551 x 351 x 395	83,8			92821 92825
EF 6421 A3		551 x 351 x 395	83,8			92871 92875
EF 6423 A3		551 x 351 x 393	83,2			92921 92925
EF 6220 D5	One front side 2/3 open	551 x 351 x 196	43,5			95851 95855
EF 6221 D5		551 x 351 x 193	43,5			95861 95865
EF 6223 D5		551 x 351 x 193	42,9			95891 95895
EF 6320 B2		552 x 352 x 295	63,7			92611 92615
EF 6321 B2		552 x 352 x 295	63,7			92671 92675
EF 6323 B2		552 x 352 x 293	63,1			92731 92735
EF 6320 B1	One front side semi-open	552 x 352 x 295	63,7			92601 92605
EF 6321 B1		552 x 352 x 295	63,7			92661 92665
EF 6323 B1		552 x 352 x 293	63,1			92721 92725
EF 6420 A1		551 x 351 x 395	83,8			92801 92805
EF 6421 A1		551 x 351 x 395	83,8			92851 92855
EF 6423 A1		551 x 351 x 393	83,2			92901 92905
EF 6220 D1	One side semi-open	551 x 351 x 196	43,5			92411 92415
EF 6221 D1	at the top	551 x 351 x 196	43,5			95871 95875
EF 6223 D1		551 x 351 x 193	42,9			95901 95905
EF 6320 B5	One front side semi-open,	552 x 352 x 295	63,7			92641 92645
EF 6321 B5	with steel panel slide,	552 x 352 x 295	63,7			92701 92705
EF 6323 B5	locks in the closed status	552 x 352 x 293	63,1			92761 92765
EF 6320 B7	One front side with	552 x 352 x 295	63,7			95801 95805
EF 6321 B7	special label holder	552 x 352 x 295	63,7			95821 95825
EF 6323 B7		552 x 352 x 293	63,1			95841 95845

 Closed

 Perforated




EF series – special (continued)



Special EF containers – Base dimensions of 600 x 400 and 800 x 600 mm

Item	Finish	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Base	Walls	Order no.	
EF 6220 D8	One front panel completely open to base	551 x 351 x 195	43,5			92971	92975
EF 6320 B9	One front panel open across the entire height	552 x 352 x 295	63,6			92981	92985
EF 6320 B4	One side completely open to base	552 x 352 x 295	63,7			92631	92635
EF 6321 B4		552 x 352 x 295	63,7			92691	92695
EF 6323 B4		552 x 352 x 293	63,1			92751	92755
EF 6420 A5	One side semi-open	551 x 351 x 395	83,8			92841	92845
EF 6421 A5		551 x 351 x 395	83,8			92891	92895
EF 6423 A5		551 x 351 x 393	83,2			92941	92945
EF 6420 A9	One side semi-open	551 x 351 x 395	83,8			95711	95715
EF 6421 A9	at the top, with	551 x 351 x 395	83,8			95741	95745
EF 6423 A9	special label holder	551 x 351 x 393	83,2			95771	95775
EF 6420 A7	One side maximum opening	551 x 351 x 395	83,8			95721	95725
EF 6421 A7		551 x 351 x 395	83,8			95751	95755
EF 6423 A7		551 x 351 x 393	83,2			95781	95785
EF 8320 J1	One front side semi-open, with open hand grip	754 x 554 x 306	130,0			95921	95925
EF 8321 J1		754 x 554 x 306	130,0			95931	95935

Closed Perforated



Special EF containers with picking opening and special accessories

Euro-Fix containers EF 6220 D11

With a semi-open front.
Material: Polypropylene. Colour: blue.
Exterior dimensions: L 600 x W 400 x H 220 mm.
Dimensions of front opening: W 278 x H 110 mm.

Dust flap SK 64102

Made from transparent plastic.

Item	Order no.
EF 6220 D11	93904
SK 64102	93930

Euro-Fix containers EF 6320 B11

With semi-open front.
Material: Polypropylene. Colour: blue.
Exterior dimensions: L 600 x W 400 x H 320 mm.
Dimensions of front opening: W 278 x H 160 mm.

Dust flap SK 64152

Made from transparent plastic.

Item	Order no.
EF 6320 B11	93894
SK 64152	93920

Euro-Fix container EF 6420 A14

With semi-open front.
Material: Polypropylene. Colour: blue.
Exterior dimensions: L 600 x W 400 x H 420 mm.
Dimensions of front opening: W 278 x H 210 mm.

Dust flap SK 64202

Made from transparent plastic.

Item	Order no.
EF 6420 A14	93884
SK 64202	93910



Hand grip insert

Made from PP, used to fill the hand grip. When e.g. the container is to be filled to the rim with loose material. The grip holes remain accessible for handling.
Unit: 50 pieces

Item	Order no.
GV-EF	22081 22085



Index cards

For EF 6420, EF 6320, EF 6220 and EF 6180.
Dimensions: L 187 x W 84 mm.

Unit: 100 pieces

Item	Order no.
EHE 188	91870



Label holder

Fits across ribs of all Euro-Fix containers.

Unit: 50 pieces

Item	Order no.
EF-E	16010



Link clamps

Cruciform steel clamps. Prevents the EF containers from slipping on Euro pallets.

Unit: 50 pieces

Item	Order no.
EFK	22120

Accessories for standard and special EF containers



Lid

Suitable for all EF containers. Available in either red or grey. Slots on longitudinal sides of lid render containers secure and sealed. Material: Polypropylene.

Item	For base dim. (mm)	Order no.	Item	Order no.
EF-D 21	200 x 150	21791 21795	EF-D 21 PPL	21798
EF-D 32	300 x 200	22281 22285	EF-D 32 PPL	22288
EF-D 43	400 x 300	15031 15035	EF-D 43 PPL	15038
EF-D 44	400 x 400	22291 22295	EF-D 44 PPL	22298
EF-D 64	600 x 400	15041 15045	EF-D 64 PPL	15048
FB-D 604	600 x 400, slip lid	15051 15055	FB-D 604 PPL	15058

Top cover

Used to cover stacked container on a Euro pallet. Equipped for banding through guiding grooves at the top cover front.

Item	Dim. L x W (mm)	Order no.
ADH 86	800 x 600	— 93628
A 1208	1200 x 800	39704 —

Lids with moulded hooks or moulded hinges

The lid with moulded hooks remains removable and is nevertheless secured in turning and opening movements. Lid clips on request.

The lid with moulded hinges is being supplied with 2 reinforcing rings for the hinge bar and 2 brackets for the lid fixings.

Item	For base dim. (mm)	Order no.	Item	Order no.
With hook (clips on request)				
EF-D 21-H	200 x 150	39911 39915	EF-D 21-H PPL	39918
EF-D 32-H	300 x 200	39921 39925	EF-D 32-H PPL	39928
EF-D 43-H	400 x 300	39931 39935	EF-D 43-H PPL	39938
EF-D 64-H	600 x 400	39941 39945	EF-D 64-H PPL	39948
With hinges				
EF-D 21-S	200 x 150	21001 21005	EF-D 21-S PPL	21008
EF-D 21-SF	Factory-fitted	21011 21015	EF-D 21-SF PPL	21018
EF-D 32-S	300 x 200	21021 21025	EF-D 32-S PPL	21028
EF-D 32-SF	Factory-fitted	21031 21035	EF-D 32-SF PPL	21038
EF-D 43-S	400 x 300	21041 21045	EF-D 43-S PPL	21048
EF-D 43-SF	Factory-fitted	21051 21055	EF-D 43-SF PPL	21058
EF-D 64-S	600 x 400	21081 21085	EF-D 64-S PPL	21088
EF-D 64-SF	Factory-fitted	21091 21095	EF-D 64-SF PPL	21098



EF-D ... H

Lid clips



EF-D ... SF

Roll-Fix

LTS tray with 4 swivel castors (Ø 75 mm).

Closed polypropylene platform, with 15 mm stacking rim.

Max. load: 200 kg.

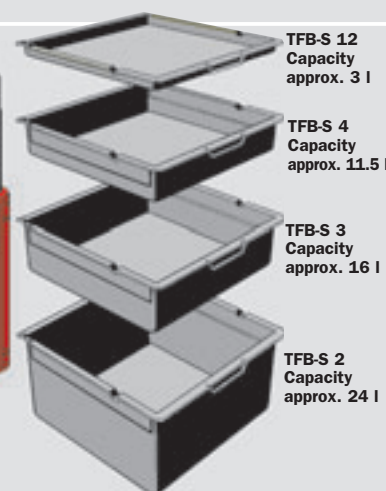
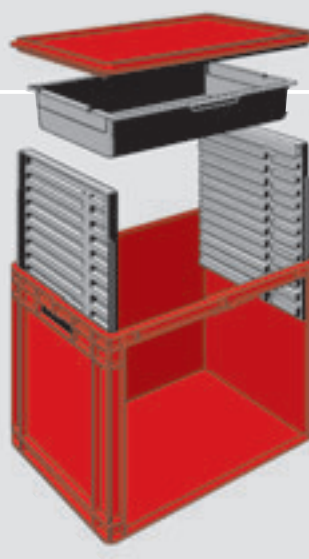


Plastic castor

Solid rubber castor

Item	L x W x H (mm)	Finish	Order no.
RO 340	400 x 300 x 125	with plastic castors	23091 23095 —
RO 460	594 x 396 x 150	with plastic castors	22201 22205 —
RO 461	594 x 396 x 150	with solid rubber castors	22211 22215 —
RO 463 PPL	594 x 396 x 150	with conductive castors	— — 22190

Accessories for standard and special EF containers



tablo'fix

This cost-effective mobile storage system is simple and modular. It is available in four different drawer heights for all kinds of applications.

Drawers slide in and out easily even when filled and special stops prevent the drawers from sliding out.

Item	Finish	Base dim. L x W x H (mm)	Interior dim. L x W x H (mm)	Load (kg)	Material	Unit	Order no.
EF-D 64	Lid with stacking rim	600 x 400			Polypropylene		15041 15045 —
EF-D 64 PPL					PPL		— — 15048
TFB-S 12	Drawer, up to 12 drawers per container	485 x 315 x 122	480 x 310	6	Polystyrene	50	— 21805 —
TFB-S 12 PPL					PSL		— — 21808
TFB-S 4	Drawer, up to 4 drawers per container	485 x 315 x 180	475 x 305	8	Polystyrene	20	— 21815 —
TFB-S 4 PPL					PSL		— — 21818
TFB-S 3	Drawer, up to 3 drawers per container	485 x 315 x 105	470 x 300	8	Polystyrene	20	— 21825 —
TFB-S 3 PPL					PSL		— — 21828
TFB-S 2	Drawer, up to 2 drawers per container	485 x 315 x 165	465 x 305	12	Polystyrene	10	— 21835 —
TFB-S 2 PPL					PSL		— — 21838
TFH-S 45	Drawer holder, 12 insert grooves and integrated lock					1	— 21845 —
TFH-S 45 PPL	(1 Set: 1 left, 1 right side section)						— — 21848
EF 6420 A7	EF container, closed	600 x 400 x 420	551 x 351 x 395		Polypropylene	1	95721 95725 —
EF 6420 A7 PPL					PPL		— — 95728
EF 6421 A7	EF container, 3 mesh walls	600 x 400 x 420	551 x 351 x 395		Polypropylene	1	95751 95755 —
EF 6421 A7 PPL					PPL		— — 95758

Dolly

Used to facilitate the movement of EF containers. Suitable for transport by fork lift truck. Max. stacking height on the dolly is 1.80 m. 2 swivel and 2 fixed castors (Ø 125 mm). Height from floor to base edge: 115 mm. Max. load 450 kg. Securely interstackable. Stack height 130 mm. Colour: black.

Item	W x H x D (mm)	Order no.
RPL 86	800 x 600 x 200	93608



Lifting trolley

Steel frame, painted blue-grey. Max. load 200 kg. Swivel/fixed castors-Ø 125/200 mm. For the transport of all EF containers with the base dimension 600 x 400 mm. Conductive model on request.

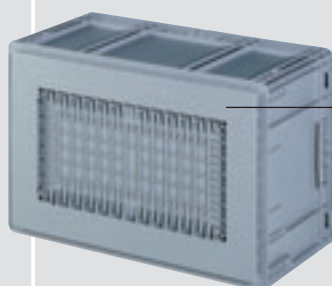
Item	Order no.
SHE	16170



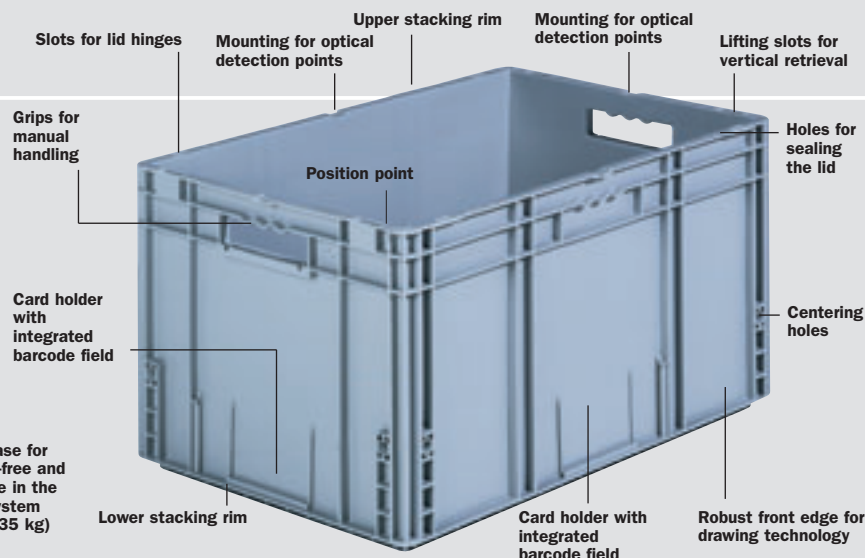
MF series – the professionals for automated handling and manufacturing

Multifunctional container MF series

The multifunctional container in MF series have grown to meet all the tasks of automatic storage and production and as multi-use packaging in external goods transport. Some of the advantages are the double layered all-round base with optimum running properties at high loads, the comb-like ribbing of the sub-floor ensures good contact on all conveyors and the patented, open-ribbed drainage channels under the base rim prevents the container from catching.

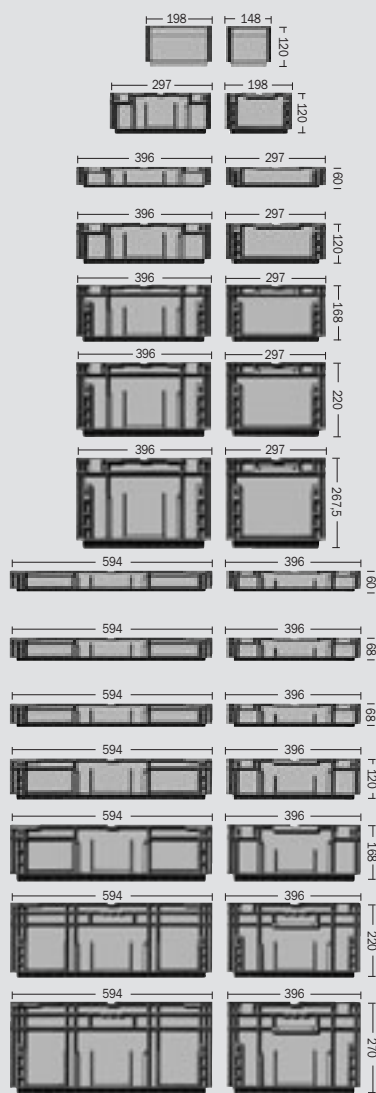


Standard base for and trouble-free and safe storage in the mini-load system (max. load 35 kg)



MF containers

Item	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Order no.	Order no.
MF 2120	159 x 109 x 102	2,0	39044	39045
MF 2120 PPL			—	39048
MF 3120	259 x 160 x 102	5,2	39304	39305
MF 3120 PPL			—	39308
MF 4060	366 x 267 x 27	4,1	38734	38735
MF 4060 PPL			—	38738
MF tray 4060 S01			39034	39035
MF tray 4060 S01 PPL			—	39038
MF 4120	366 x 267 x 87	10,0	39314	39315
MF 4120 PPL			—	39318
MF 4170	366 x 267 x 134	14,6	39324	39325
MF 4170 PPL			—	39328
MF 4220	366 x 267 x 187	19,7	39334	39335
MF 4220 PPL			—	39338
MF 4270	366 x 267 x 234	24,3	39494	39495
MF 4270 PPL			—	39498
MF tray 6060 S01	564 x 366 x 27	8,7	39064	39065
MF tray 6060 S01 PPL			—	39068
MF tray 6070	564 x 366 x 34	10,2	39414	39415
MF tray 6070 PPL			—	39418
MF 6070	564 x 366 x 34	10,2	39344	39345
MF 6070 PPL			—	39348
MF 6120	564 x 366 x 87	21,0	39354	39355
MF 6120 PPL			—	39358
MF 6170	564 x 366 x 134	30,8	39364	39365
MF 6170 PPL			—	39368
MF 6220	564 x 366 x 187	41,6	39374	39375
MF 6220 PPL			—	39378
MF 6270	564 x 366 x 237	52,0	39384	39385
MF 6270 PPL			—	39388



MF series

BLUE

GREY



► Polypropylene

resistant to most oils, acids and alkalis, noise absorbent on conveyors, withstands temperatures between -20° and +100° Celsius

► Robust and stable design

► Tread base

for low-noise running properties

► Reinforced base

for trouble-free and safe storage in mini-load system

► Compatible

with all Euro size containers

► Optimal ribbing

for secure storage and transport

► Smooth internal walls

for easy cleaning

► High max. load

► Open drainage channels possible at the base acc. to VDS classification directive BG 4.3.

► Conductive polypropylene (PPL)

Specific volume resistance
Specific surface resistance

Normal PE/PP

10¹⁸ Ohm x cm <

10¹⁴ Ohm

PPL

10³ Ohm x cm

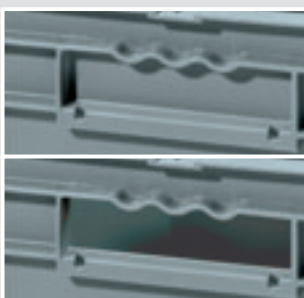
10⁴ Ohm

PPL BLACK



Hand grip insert

Item	Order no.
GV-MF	39794 39795



Closed (top) and open grip

FL base
Enclosed tread
(hollow profile)
for best running
properties and
high load capacity
(50 kg)



VS 01 base
Reinforced welded
base with batter
for optimal running
properties and high
loads (70 kg)

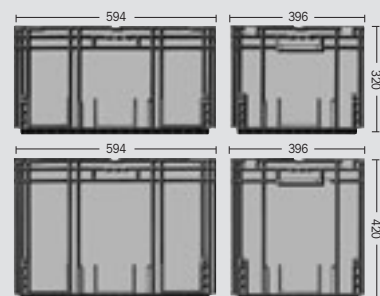


HS 01 base
Reinforced welded
base for high content
loads (70 kg)



MF containers

Item	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Order no.	Order no.
MF 6320	564 x 366 x 287	62,3	39394 39395	—
MF 6320 PPL			—	39398
MF 6420	564 x 366 x 387	82,9	39404 39405	—
MF 6420 PPL			—	39408

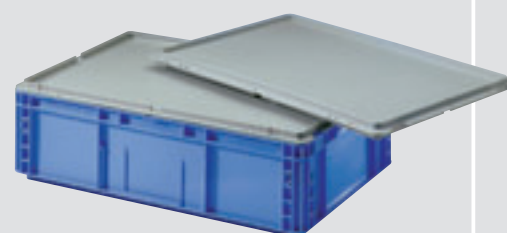


Lids with moulded hooks or moulded hinges

Dust resistant when closed. Sealable. Secure stacking when lids are in place. Lifting slots for automatic handling. Banding grooves.

The lid with moulded hinges is being supplied with 2 reinforcing rings for the hinge bar and 2 brackets for the lid fixings.

Item	For base dim. L x W (mm)	Order no.	Item	Order no.
Top cover				
MF-D 32	300 x 200	39464 39465 —	MF-D 32 PPL	39468
MF-D 43	400 x 300	39714 39715 —	MF-D 43 PPL	39718
MF-D 64	600 x 400	39744 39745 —	MF-D 64 PPL	39748
With hook (lid clips on request)				
MF-D 32 H	300 x 200	39854 39855 —	MF-D 32 H PPL	39858
MF-D 43 H	400 x 300	39724 39725 —	MF-D 43 H PPL	39728
MF-D 64 H	600 x 400	39754 39755 —	MF-D 64 H PPL	39758
With hinge (lid clips on request)				
MF-D 32 S	300 x 200	39474 39475 —	MF-D 32 S PPL	39478
MF-D 32 SF	Factory-fitted	39484 39485 —	MF-D 32 SF PPL	39488
MF-D 43 S	400 x 300	39864 39865 —	MF-D 43 S PPL	39868
MF-D 43 SF	Factory-fitted	39734 39735 —	MF-D 43 SF PPL	39738
MF-D 64 S	600 x 400	39874 39875 —	MF-D 64 S PPL	39878
MF-D 64 SF	Factory-fitted	39764 39765 —	MF-D 64 SF PPL	39768
Top cover				
ADH 86	800 x 600	— — 93628	—	—
A 1208	1200 x 800	39704 — —	—	—



MF-D ... H

Lid clips



MF-D ... SF



i Insert boxes and options for subdivisions with insert boxes on pages A47-A49

LTB series – light but strong for transport and storage

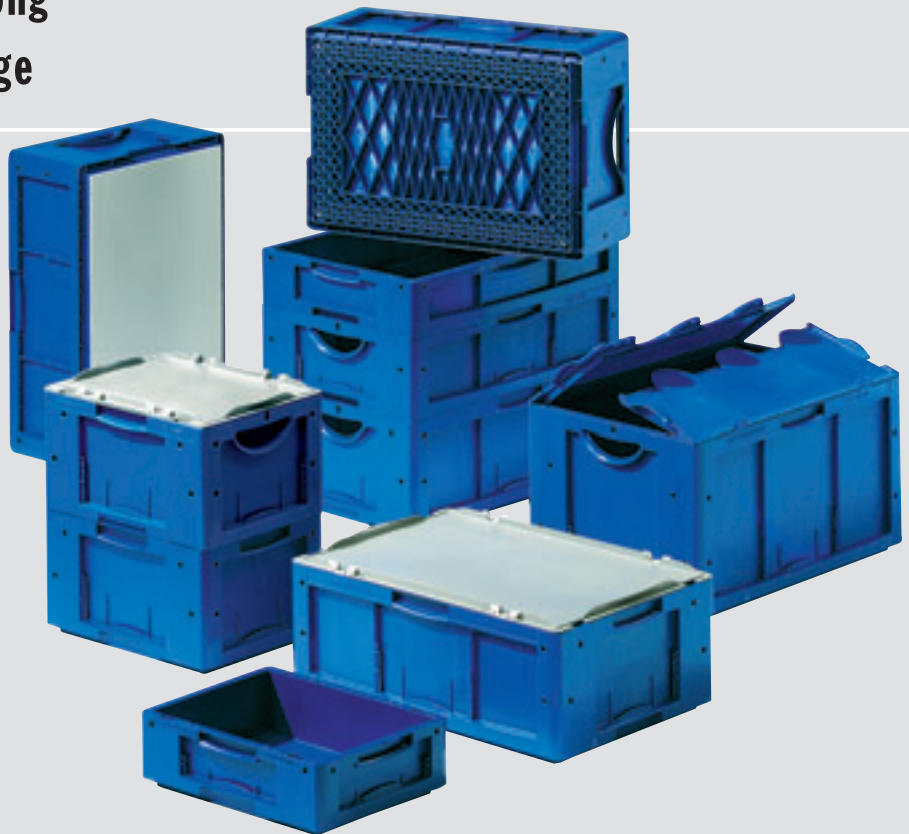
Storage and transport containers LTB

The LTB by SSI SCHAEFER offers particularly high volume utilization, a reinforced lower and upper rim as well as four sturdy corner posts.

The specially designed base variants ensure trouble-free running on all conveyors. These features guarantee a high resistance to twisting and secure stacking. Its weight and its strengthened standard base make max. loads of up to 50 kg possible and in the variant with vibration welding base (VS01) can take a max. load of 70 kg.

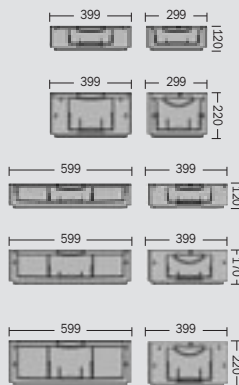
The LTB is, apart from the open standard model also available with a hinged lid (in one or two parts) or separate top cover. With the usage of the top cover or the hinged lid the LTB is ready for shipment and retains the ability for automated unstacking and secure storage in mini-load* and modular shelving systems.

The SSI SCHAEFER LTB storage and transport container is a further component for the constantly automated material flow.



LTB Storage and transport containers – standard model

Item	Interior dim. (base) L x W x H (mm)	Base dim. L x W (mm)	Useable height when stacked (mm)	Capacity (litre)	Base	Order no.
						 
LTB 4120	366 x 266 x 103	400 x 300	88	10,0		75704 75705
LTB 4220	366 x 266 x 203	400 x 300	188	19,8		75744 75745
LTB 6120	566 x 366 x 98	600 x 400	83	20,3		75784 75785
LTB 6120 VS01	566 x 366 x 98	600 x 400	83	20,3		76104 76105
LTB 6170	566 x 366 x 148	600 x 400	133	30,7		75804 75805
LTB 6170 VS01	566 x 366 x 148	600 x 400	133	30,7		76114 76115
LTB 6220	566 x 366 x 198	600 x 400	183	41,0		75824 75825
LTB 6220 VS01	566 x 366 x 198	600 x 400	183	41,0		76124 76125



 **Vibration welding base (VS01 base)**



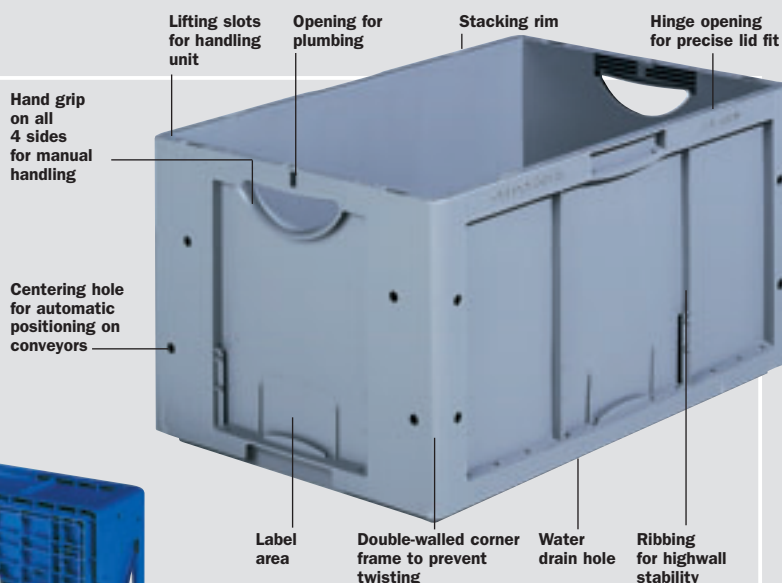
BLUE

GREY

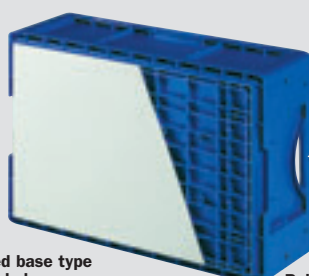
Additional colours
on request

- **Polypropylene**
resistant to most oils, acids and alkalis, noise absorbent on conveyors, withstands temperatures between -20° and +100° Celsius
- **Robust and stable design**
- **Reinforced base**
for trouble-free and safe storage in mini-load system
- **Double-walled corner frame**
prevents twisting with high loads
- **Smooth internal walls**
for easy cleaning
- **Different hand grips**
- **Water drainage holes in the base**
poss. acc. to VDS classification directive BG 4.3.
- **Compatible**
with all Euro size containers
- **Conductive models**
available on request

LTB series – standard



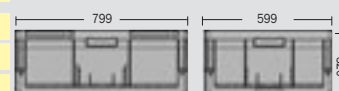
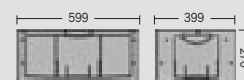
Reinforced base type with rounded corners particularly quiet for running on conveyors (max. load 50 kg)



Reinforced base with sloped base and welded PP board (VS) (max. load 70 kg)

LTB Storage and transport containers – standard model

Item	Interior dim. (base) L x W x H (mm)	External base dim. L x W (mm)	Useable height when stacked (mm)	Capacity (litre)	Base	Order no.
LTB 6270	566 x 366 x 248	600 x 400	233	51,4		75844 75845
LTB 6270 VS01	566 x 366 x 248	600 x 400	233	51,4	VS	76134 76135
LTB 6320	566 x 366 x 298	600 x 400	283	61,7		75864 75865
LTB 6320 VS01	566 x 366 x 298	600 x 400	283	61,7	VS	76144 76145
LTB 8320	752 x 552 x 316	800 x 600	296	135,0		76244 76245
LTB 8320 VS03	752 x 552 x 296	800 x 600	276	125,0	VS	76254 76255
LTB 8420	752 x 552 x 416	800 x 600	396	175,0		76264 76265
LTB 8420 VS03	752 x 552 x 396	800 x 600	376	165,0	VS	76274 76275



VS Vibration welding base (VS01/VS03 base)



Ergonomically formed open hand grip



Closed recessed grip



Double-walled corner frame



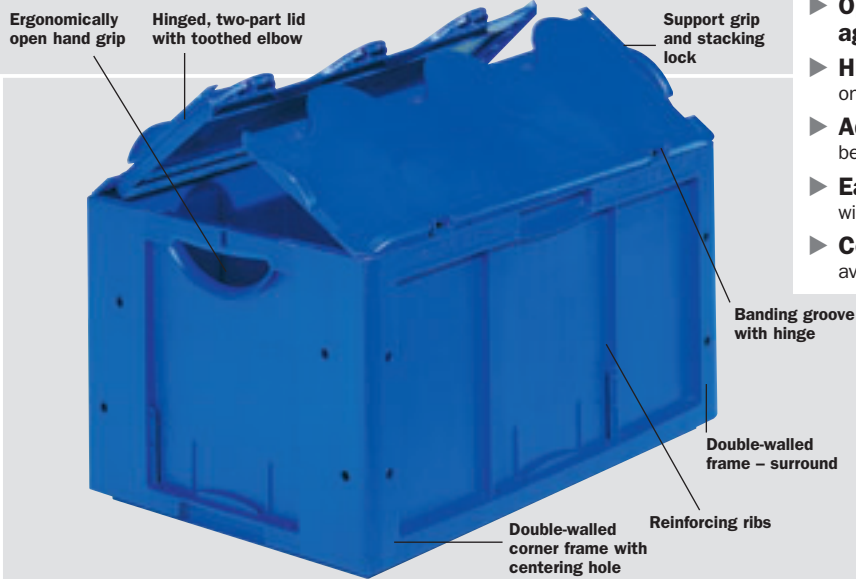
Additional colours
on request

Additions:

to the advantages of the LTB
(see. p. A 39 standard model without lid)

- ▶ **Optimal protection of the goods against dust**
- ▶ **High handling security**
on account of an optional lock or seal
- ▶ **Additional security**
because of banding grooves
- ▶ **Each lid is individually exchangeable**
with hinge system
- ▶ **Conductive models**
available on request

LTB series with two-part lid



LTB storage and transport containers with flap top

Item	Interior dim. L x W x H (mm)	Base dim. L x W (mm)	Useable height when stacked (mm)	Cap. (litre)	Incl. the following accessories	Base	Order no.
							 
LTB-DH 4120	366 x 266 x 103	400 x 300	88	10,0	4 hinged parts		75714 75715
LTB-DH 4220	366 x 266 x 203	400 x 300	188	19,8	4 hinged parts		75754 75755
LTB-DH 6120	566 x 366 x 98	600 x 400	83	20,3	4 hinged parts		75794 75795
LTB-DH 6120 VS01	566 x 366 x 98	600 x 400	83	20,3	4 hinged parts	VS	76154 76155
LTB-DH 6170	566 x 366 x 148	600 x 400	133	30,7	4 hinged parts		75814 75815
LTB-DH 6170 VS01	566 x 366 x 148	600 x 400	133	30,7	4 hinged parts	VS	76164 76165
LTB-DH 6220	566 x 366 x 198	600 x 400	183	41,0	4 hinged parts		75834 75835
LTB-DH 6220 VS01	566 x 366 x 198	600 x 400	183	41,0	4 hinged parts	VS	76174 76175
LTB-DH 6270	566 x 366 x 248	600 x 400	233	51,4	4 hinged parts		75854 75855
LTB-DH 6270 VS01	566 x 366 x 248	600 x 400	233	51,4	4 hinged parts	VS	76184 76185
LTB-DH 6320	566 x 366 x 298	600 x 400	283	61,7	4 hinged parts		75874 75875
LTB-DH 6320 VS01	566 x 366 x 298	600 x 400	283	61,7	4 hinged parts	VS	76194 76195

VS Vibration welding base (VS01 base)



Label holder



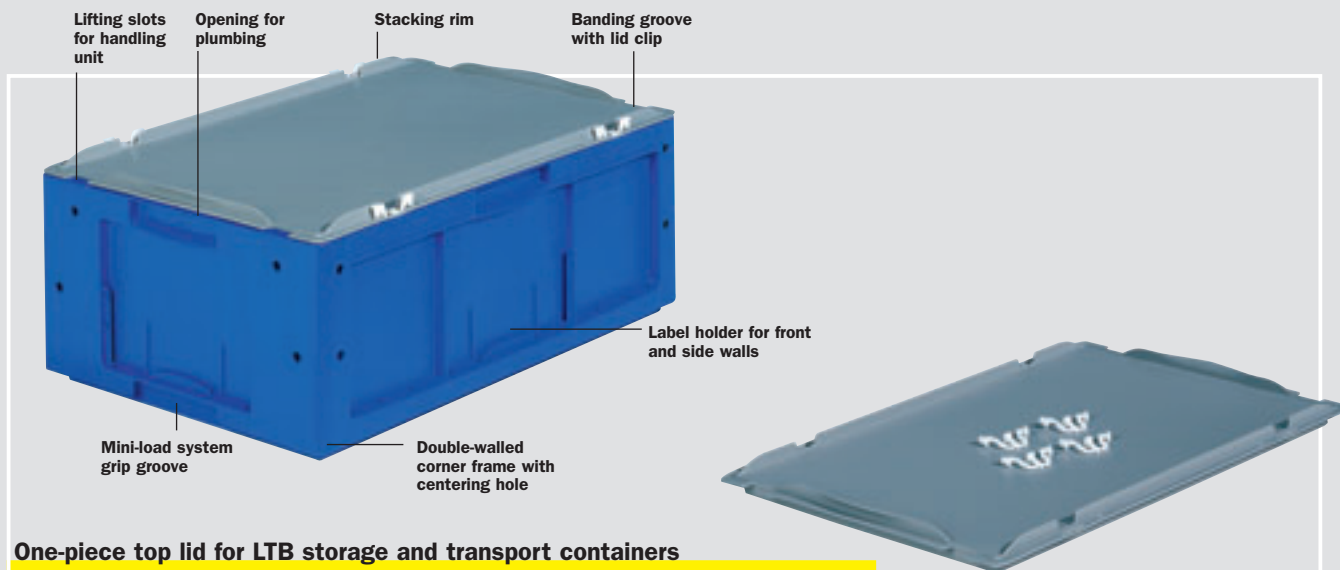
Centering holes for conveyor



Lifting slots for automatic handling equipment

► **Conductive models**

available on request

LTB series with one-piece lid**One-piece top lid for LTB storage and transport containers**

Item	For containers with base dim. L x W (mm)	Inclusive the following accessories	Order no.
Top cover (lid clips on request)			
LTB-D 43	400 x 300		75904 75905
LTB-D 64	600 x 400		75914 75915
With hinge (lid clips on request)			
LTB-D 43 S	400 x 300	2 lid hinges	76204 76205
LTB-D 64 S	600 x 400	2 lid hinges	76214 76215



Sealing



Banding grooves



LTB with lid when stacking

LTF series – container for automatic handling

LTF series containers

The different base versions of the storage and transport container series (LTF) enable loads, according to model, of up to 70 kg.

Perpendicular sides optimise internal dimensions. Specially-designed corner posts facilitate high stacking loads and easy cleaning.

VDA label holders, barcode panels, vertical lifting slots and centering holes, as well as a transponder mount are included. Water drainage holes according to VDS classification directive BG 4.3 and various types of hand grips are also available.

The LTF series is compatible with VDA system elements (e.g. A 1208, see KLT).

Slot for lid hinge, compatible with MF series

Lid sealing holes compatible with MF series

Lifting slots for vertical retrieval, compatible with series MF

Double-walled corner frames for high load stacking

Mounting for label fastening wire (front/sides)

Fixing area for check card transponder (front/sides)

Stable impact surface for use in mini-load system (front/sides), rounded edges, advantageous on conveyors

Large areas for adhesion and hot-embossing

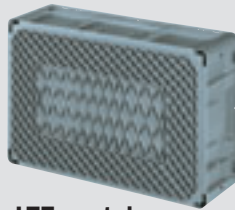
Centering holes

Label field with integrated barcode strip (front/sides)

Standard base
(max. load 35 kg)



VB 01 base
Reinforced, diagonal ribbed base for high loads (50 kg)



VB 02 base
Reinforced, diagonally ribbed base with additional surrounding collar for optimal running properties and high loads (50 kg)

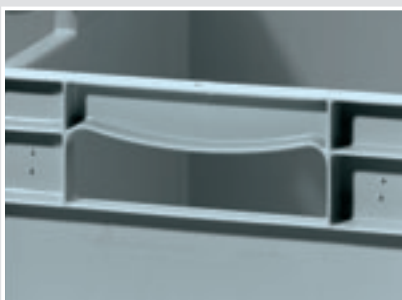
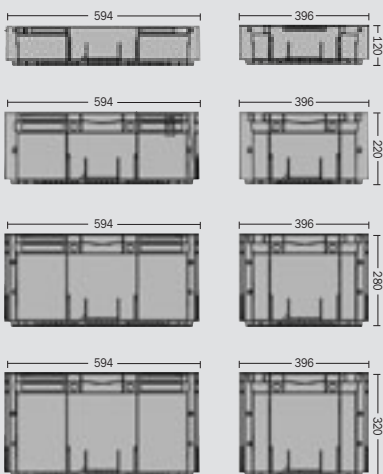


VS 01 base
Reinforced welded base with batter for optimal running properties and high loads (70 kg)

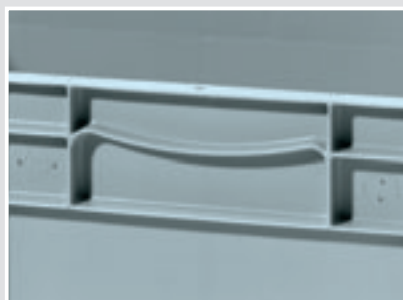


LTF containers

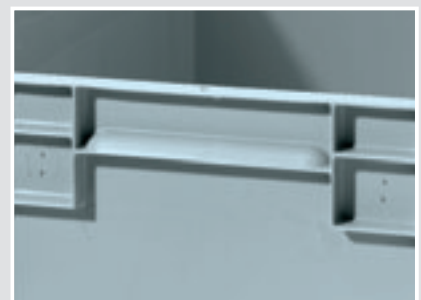
Item	Interior dim. when stacked L x W x useable height (mm)	Capacity (litre)	Order no.
LTF 6120	564 x 366 x 87	21,0	35714 35715
LTF 6220	564 x 366 x 187	42,0	35724 35725
LTF 6280	564 x 366 x 247	53,8	35704 35705
LTF 6320	564 x 366 x 287	62,7	35734 35735



Open hand grip



Closed hand grip



Shell hand grip, front only

BLUE

GREY

Additional colours
on request

- **Polypropylene**
resistant to most oils, acids and alkalis, noise absorbent on conveyors, withstands temperatures between -20° and +100° Celsius
- **Robust and stable design**
- **Ribbed base**
for low-noise running properties
- **Reinforced base**
for trouble-free and safe storage in mini-load system
- **Double-walled corner frame**
for high stacking loads
- **Smooth internal walls**
for easy cleaning
- **Different hand grips**
- **Water drainage holes in the base**
poss. acc. to VDS classification directive BG 4.3.
- **Compatible**
with all Euro size containers
- **Conductive models**
available on request

Accessories for LTF series



Lids with moulded hooks or moulded hinges

Dust-proof. Sealable. LTF can also be stacked with lid assembled. Lifting slots for automatic handling. Banding grooves.

The lid with moulded hinges is being supplied with 2 reinforcing rings for the hinge bar and 2 brackets for the lid fixings.

Item	Finish	Order no.	
MF-D 64	Top cover	39744	39745
MF-D 64 H	With hook (lid clips on request)	39754	39755
MF-D 64 S	With hook (lid clips on request)	39874	39875
MF-D 64 SF	Hinges factory-fitted	39764	39765



Lid with hooks,



with factory-fitted moulded hinge with reinforcing ring,



with lid clip



Top cover

Used to cover KLT containers stacked on a Euro pallet. Equipped for banding through guiding grooves at the top cover front.

Item	Dim. L x W (mm)	Order no.	
ADH 86	800 x 600	—	93628
A 1208	1200 x 800	39704	—

Label holder

Item	Order no.
LTF-E	35750



i Insert boxes and options for subdivisions with insert boxes on pages **A47-A49**

LTS series – heavy-duty container in automated systems

LTS series

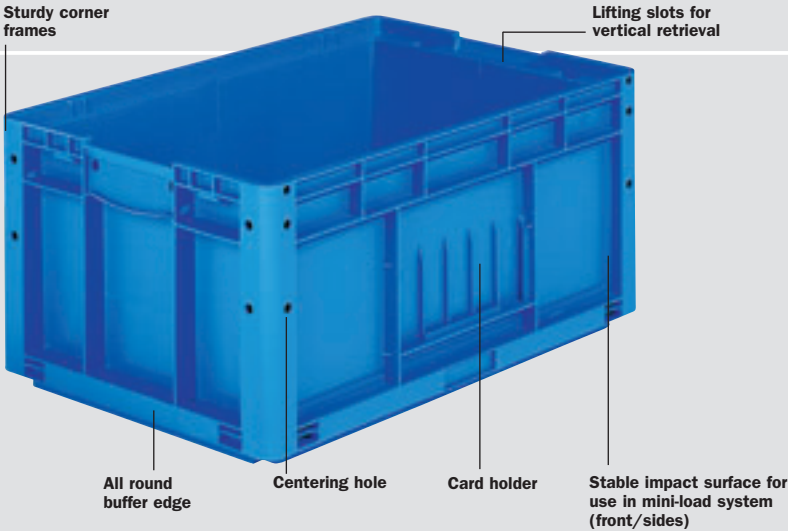
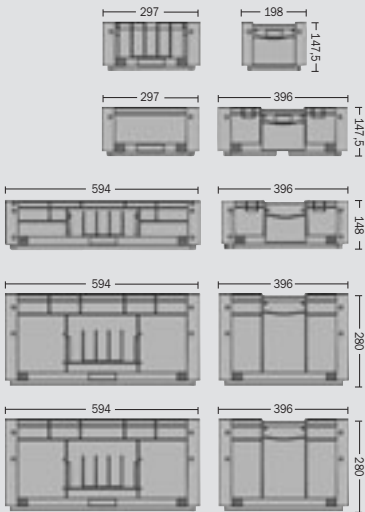
The LTS storage and transport container system is ergonomically designed for optimum handling. Stackable and codable, the moulded barcode position is always located in the same place on the container or tray, whatever the container size, to ensure optimal steering. All necessary information can be placed in the card holder.

All LTS containers are designed to stack securely on 1200 x 800 and 1200 x 1000 mm pallets. Suitable for grip/pull and lifting technology in mini-load systems.

The ribbed base, all around buffer edge and sturdy corner frames ensure smooth running on all types of conveyors.



Standard base
(max. load 50 kg)



LTS container

Item	Interior dim. when stacked L x W x useable height (mm)	Finish	Capacity (litre)	Order no.
LTS-K 314	233 x 157 x 125,5		4,6	37284
LTS-K 414	355 x 233 x 107,5		9,0	37274
LTS-K 614	528 x 353 x 107,0		22,5	37354
LTS-K 628	528 x 353 x 239,5		45,0	37254
LTS-K 628 Z	528 x 353 x 239,5	With grip groove for miniLoad system	45,0	37264



Ergonomically formed hand grip



Lifting slots for vertical retrieval



Card holder

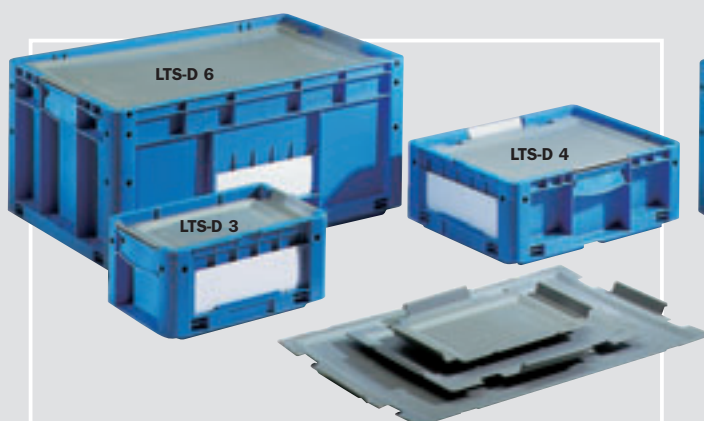
BLUE

GREY

Additional colours
on request

- **Polypropylene**
resistant to most oils, acids and alkalis, noise absorbent on conveyors, withstands temperatures between -20° and +100° Celsius
- **Robust and stable design**
- **Fully recyclable**
- **Reinforced base**
for trouble-free and secure storage in mini-load systems and high max. loads
- **Stable corner posts**
for high stacking loads
- **Smooth internal walls**
for easy cleaning
- **Compatible**
with all Euro size containers
- **Water drainage holes in the base**
can be supplied acc. to VDS classification directive BG 4.3.
- **Conductive models**
available on request

Accessories for LTS series

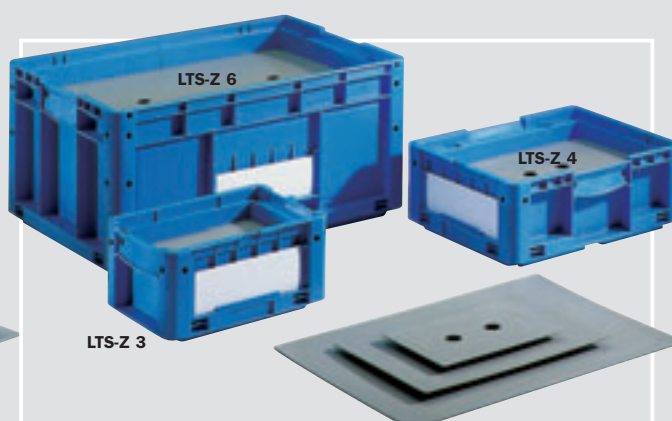


Lid

The lid fits securely into the stacking rim of the LTS container protecting the contents from dust. An indentation of 15 mm ensures secure stacking of further containers on top of the container with the lid in place.

Material: Grey polystyrene.

Item	For containers	Order no.
LTS-D 3	LTS-K 314	37315
LTS-D 4	LTS-K 414	37305
LTS-D 6	LTS-K 614, LTS-K 628	37295



Insert bases

With grip holes. May be used to separate fragile products stacked on top of each other in the container.

Material: Grey polystyrene.

Item	For containers	Dim. L x W (mm)	Order no.
LTS-Z 3	LTS-K 314	231,5 x 155,5	37345
LTS-Z 4	LTS-K 414	353 x 231,5	37335
LTS-Z 6	LTS-K 614, LTS-K 628	525 x 351	37325

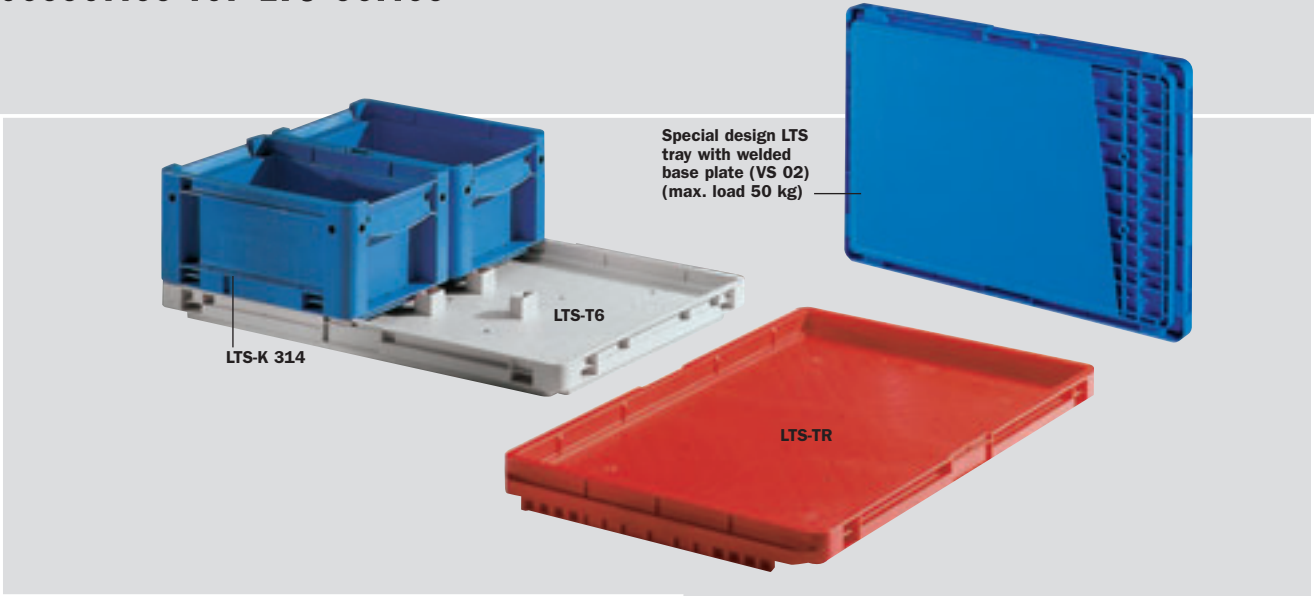
YELLOW

BLUE

Additional colours on request

PP

Accessories for LTS series



LTS trays

For transporting LTS containers. Two LTS-K 414 or four LTS-K 314 containers may be located on a single tray. On the tray LTS, KLT and Euro-Fix containers can be stacked together for secure transport.

Item	Model	Dim. L x W x H (mm)	Order no.
LTS-T6 G	Smooth surface	594 x 396 x 50	37224
LTS-T6 G Z	Smooth surface and front grip groove for mini-load systems	594 x 396 x 50	37244
LTS-T6	With centering nut	594 x 396 x 50	37214
LTS-T6 Z	With centering nut and front grip groove for mini-load systems	594 x 396 x 50	37234

LTS-TR

With smooth upper surface and diamond shaped base for quiet running on conveyors and grip groove at the front.

Item	Dim. L x W x H (mm)	Order no.
LTS-TR	627 x 396 x 50	37194

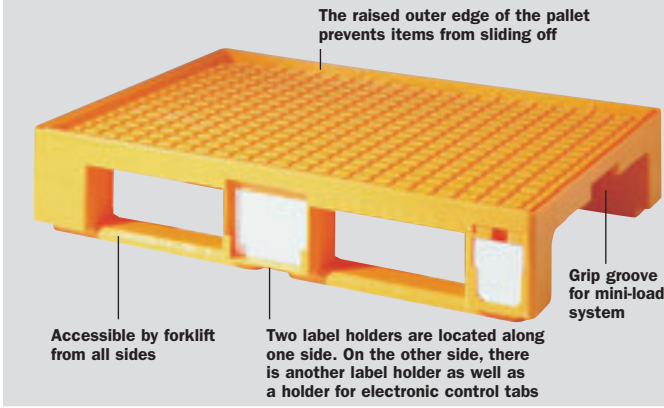
Pallet LTS-P 815

These polypropylene pallets are ideally suited for carrying heavy loads. The handling of stacked pallets in racking can be done manually or by automated aisle stacker crane with telescope or fixed forks.

The LTS pallet can be used in combination with MF, LTF, LTS, KLT and Euro-Fix containers. Pallets can be easily stacked when empty or full.

Longitudinal runners on the base make the LTS pallet ideal for use with roller tracks, link conveyors, lifting platforms etc.

Item	Load (kg)	Dim. L x W x H (mm)	Order no.
LTS-P 815	250	800 x 600 x 150	37200



BLUE PPL BLACK

► **Polypropylene**

resistant to most oils, acids and alkalis, capable of withstanding temperatures from -20° to +100° Celsius

► **Can be combined in 4 sizes**

with Euro containers with base dimensions of 300 x 200, 400 x 300 and 600 x 400 mm

► **Robust and stable design**► **Smooth interior walls**

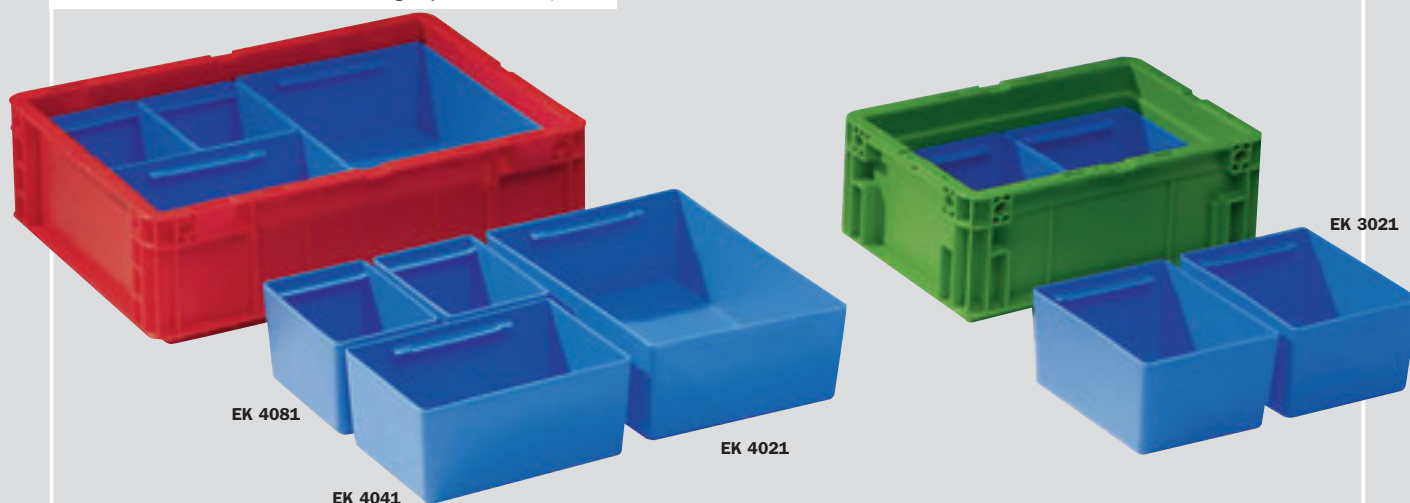
for easy cleaning

► **Water drain holes**

for insert boxes in automatic storage systems on request

Insert boxes for Euro containers

EF and MF series



Container 300 x 200 mm

Insert boxes	H (mm)	Division
EK 3021	80	1/2 Lateral



Container 400 x 300 mm

Insert boxes	H (mm)	Division
EK 4021	80	1/2 Lateral



Container 400 x 300 mm

Insert boxes	H (mm)	Division
EK 4041	80	1/4



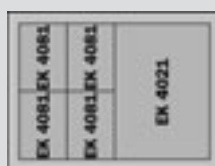
Container 400 x 300 mm

Insert boxes	H (mm)	Division
EK 4081	80	1/8



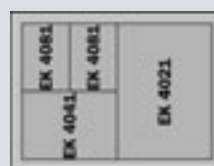
Container 400 x 300 mm

Insert boxes	H (mm)	Division
4 x EK 4081	80	
2 x EK 4041	80	



Container 400 x 300 mm

Insert boxes	H (mm)	Division
4 x EK 4081	80	
1 x EK 4021	80	



Container 400 x 300 mm

Insert boxes	H (mm)	Division
2 x EK 4081	80	
1 x EK 4041	80	
1 x EK 4021	80	

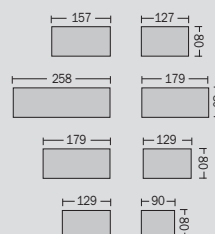


Container 400 x 300 mm

Insert boxes	H (mm)	Division
2 x EK 4041	80	
1 x EK 4021	80	

Insert boxes for Euro containers with base dimensions of 300 x 200/400 x 300 mm

Item	For containers (mm)	Dim. L x W x H (mm)	Unit	Order no.
EK 3021	300 x 200	157 x 127 x 80	84	1184
EK 3021 PPL				1188
EK 4021	400 x 300	258 x 179 x 80	36	1914
EK 4021 PPL				1918
EK 4041	400 x 300	179 x 129 x 80	48	1924
EK 4041 PPL				1928
EK 4081	400 x 300	129 x 90 x 80	64	1934
EK 4081 PPL				1938



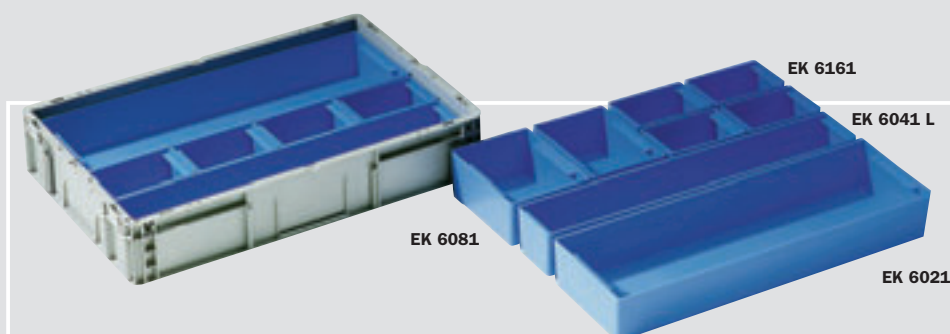


BLUE

PPL BLACK



Insert boxes for Euro containers EF, MF and LTF series

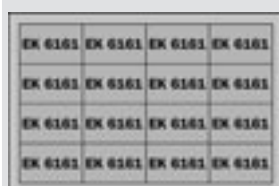


► **Polypropylene**
resistant to most oils,
acids and alkalis, capable
of withstanding temperatures
from -20° to +100° Celsius

► **Can be combined in 6 sizes**
with the Euro containers with
base size **600 x 400 mm**

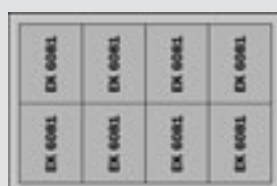
► **Smooth internal walls**
for easy cleaning

► **Water drain holes**
for insert boxes in automatic
storage systems on request



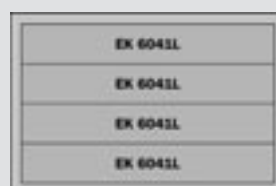
Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 6161	80	1/16



Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 6081	80	1/8



Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 6041 L	80	1/4 Longitud.



Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 6041	80	1/4
EK 6042	150	1/4



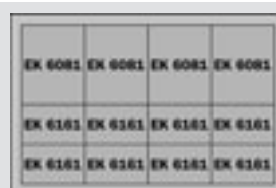
Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 6021	80	1/2 Longitud.
EK 6022 L	150	1/2 Longitud.



Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 6022 Q	150	1/2 Lateral



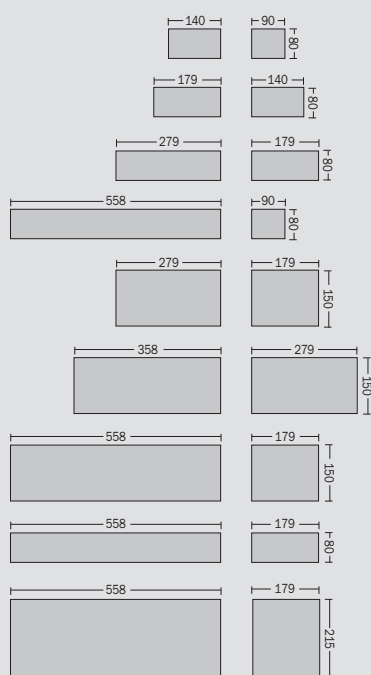
Container 600 x 400 mm

Insert boxes	H (mm)
4 x EK 6081	80
8 x EK 6161	80



Container 600 x 400 mm

Insert boxes	H (mm)
2 x EK 6041	80
2 x EK 6081	80
4 x EK 6161	80



Insert boxes for Euro containers with base dimension 600 x 400 mm

Item	For containers (mm)	Dim. L x W x H (mm)	Unit	Order no.	
EK 6161	600 x 400	140 x 90 x 80	84	4764	—
EK 6161 PPL				—	4768
EK 6081	600 x 400	179 x 140 x 80	48	4754	—
EK 6081 PPL				—	4758
EK 6041	600 x 400	279 x 179 x 80	36	4734	—
EK 6041 PPL				—	4738
EK 6041 L	600 x 400	558 x 90 x 80	48	4744	—
EK 6041 L PPL				—	4748
EK 6042	600 x 400	279 x 179 x 150	18	4724	—
EK 6042 PPL				—	4728
EK 6022 Q	600 x 400	358 x 279 x 150	12	4774	—
EK 6022 Q PPL				—	4778
EK 6022 L	600 x 400	558 x 179 x 150	12	4714	—
EK 6022 L PPL				—	4718
EK 6021	600 x 400	558 x 179 x 80	24	1944	—
EK 6021 PPL				—	1948
EK 6023 L	600 x 400	558 x 179 x 215	24	4784	—
EK 6023 L PPL				—	4788

BLUE PPL BLACK

► **Polystyrene**

is sturdy and design stable due to its amorphous structure

► **Can be combined in 6 sizes**

with the Euro containers with base size 600 x 400 mm

► **Smooth internal walls**

for easy cleaning

► **Water drain holes**

for insert boxes in automatic storage systems on request

Insert boxes for Euro containers

EF series

EK 14-4 PS



EK 115



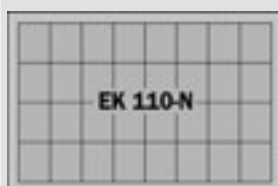
EK 114



EK 112

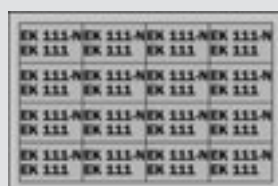


EK 113



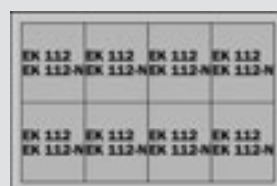
Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 110-N	96	1/32



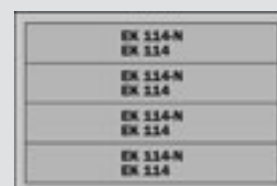
Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 111-N	96	1/16
EK 111	110	1/16



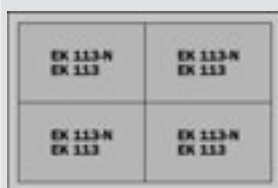
Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 112-N	96	1/8
EK 112	110	1/8



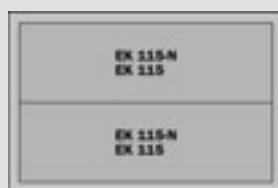
Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 114-N	96	1/4 Longitud.
EK 114	110	1/4 Longitud.



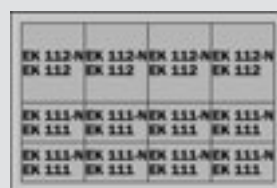
Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 113-N	96	1/4
EK 113	110	1/4



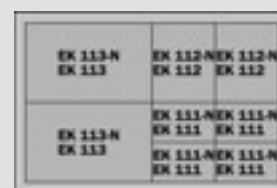
Container 600 x 400 mm

Insert boxes	H (mm)	Division
EK 115-N	96	1/2 Longitud.
EK 115	110	1/2 Longitud.



Container 600 x 400 mm

Insert boxes	Height (mm)
4 x EK 112 /-N	96/110
8 x EK 111 /-N	96/110

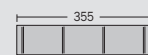


Container 600 x 400 mm

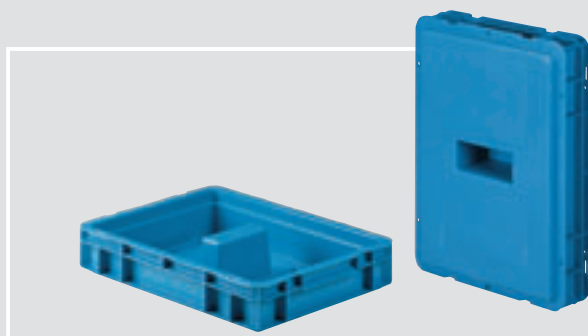
Insert boxes	Height (mm)
2 x EK 113 /-N	96/110
2 x EK 112 /-N	96/110
4 x EK 111 /-N	96/110

Insert boxes for Euro containers with base dimension 600 x 400 mm

Item	For containers (mm)	Dim. L x W x H (mm)	Unit	Order no.
EK 110-N	600 x 400	68 x 87 x 96	96	4704 —
EK 110-N PPL				— 4708
EK 111-N	600 x 400	137 x 87 x 96	48	4364 —
EK 111-N PPL				— 4368
EK 111		137 x 87 x 110	48	22644 —
EK 111 PPL				— 22648
EK 112-N	600 x 400	174 x 137 x 96	40	4374 —
EK 112-N PPL				— 4378
EK 112		174 x 137 x 110	40	22634 —
EK 112 PPL				— 22638
EK 113-N	600 x 400	274 x 174 x 96	36	4384 —
EK 113-N PPL				— 4388
EK 113		274 x 174 x 110	36	22624 —
EK 113 PPL				— 22628
EK 114-N	600 x 400	550 x 87 x 96	36	4394 —
EK 114-N PPL				— 4398
EK 114		550 x 87 x 110	36	22614 —
EK 114 PPL				— 22618
EK 115-N	600 x 400	550 x 174 x 96	18	4404 —
EK 115-N PPL				— 4408
EK 115		550 x 174 x 110	18	22604 —
EK 115 PPL				— 22608
EK 14-4 PS	600 x 400	355 x 184 x 80	48	7184 —
EK 14-4 PPL				— 7188



Custom-made solutions – trays optimise material flow

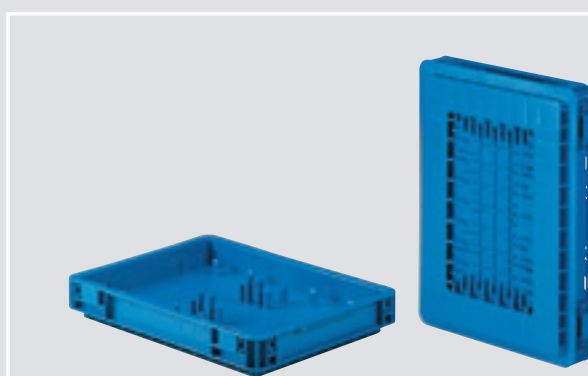


EFT 4070

Secure stacking of 2 x EF 3120 containers on the tray and fixing of 2 x EF 2120 containers in the tray. With a centering bolt located at the inner base of the tray, these containers can be securely stacked. The smooth running on conveyors is thus ensured.

Material: Blue polypropylene. PPL (conductive) on request.

Item	External dim. L x W x H (mm)	Internal dim. L x W x H (mm)	Order no.
EFT 4070	399 x 299 x 75	357 x 257 x 60	15544

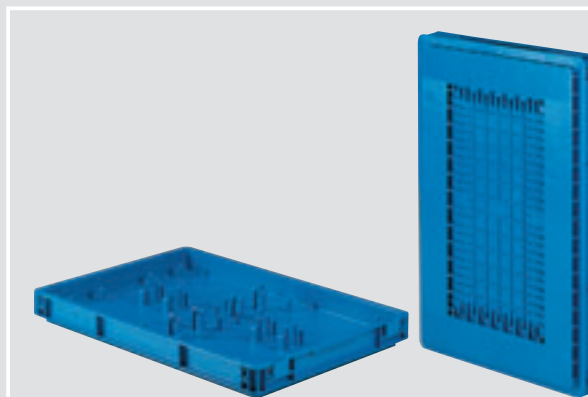


MF 4060 S01

Accommodates 2 x MF 3120 containers, 1 x MF 3120 and 2 x MF 2120 containers or 4 x MF 2120 containers. With a centering bolt located at the inner base of the tray, the containers can be securely stacked. The smooth running on conveyors and trouble-free storage in fully automated storage systems is thus ensured. Suitable for lifting, gripping and pulling technologies. The double layered collar base ensures quiet runnings and guarantees form stability at high loads. Flexible and secure positioning of labels and barcodes.

Material: Blue polypropylene. PPL (conductive) on request.

Item	External dim. L x W x H (mm)	Internal dim. L x W x H (mm)	Order no.
MF 4060 S01	396 x 297 x 60	366 x 267 x 27	38864



MF 6060 S01

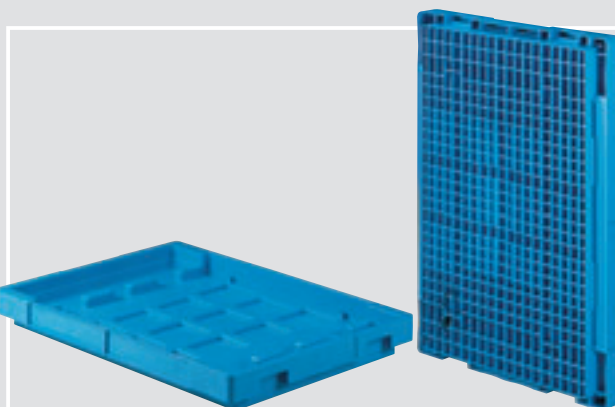
Accommodates 4 x MF 3120 containers, 2 x MF 3120 and 4 x MF 2120 containers or 8 x MF 2120 containers. With a centering bolt located at the inner base of the tray, the containers can be securely stacked. Ensures quiet runnings on conveyors and trouble-free storage in fully automated storage systems. Suitable for lifting, gripping and pulling technologies.

The double layered collar base ensures quiet runnings and guarantees form stability at high loads.

Flexible and secure positioning of labels and barcodes.

Material: Blue polypropylene. PPL (conductive) on request.

Item	External dim. L x W x H (mm)	Internal dim. L x W x H (mm)	Order no.
MF 6060 S01	594 x 396 x 60	564 x 366 x 27	38874



T 03

Loading appliances for e.g. VDA-KLT with base dimension 400 x 300 and various metal and mesh container types with base dimension 400 x 400 mm. Sturdy reinforced base ribbing guarantees form stability with high loads and makes fully automated order picking possible. Suitable for lifting, gripping and pulling technologies. Flexible and secure positioning of labels and barcode labels in secure areas. The careful choice of materials and the sloped base construction ensure a trouble-free and noiseless run on conveyors.

Material: Blue polypropylene. PPL (conductive) on request.

Item	External dim. L x W x H (mm)	Internal dim. L x W x H (mm)	Order no.
T 03	625 x 425 x 65	610 x 410 x 37	25764



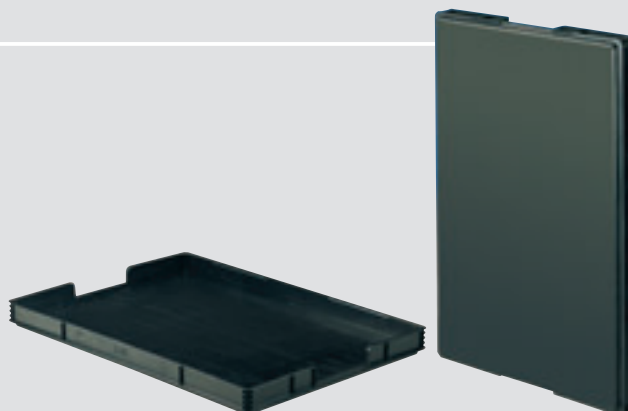
Trays and printofix circuit board holders

T 01

Loading tray for cardboard cartons or other packaging material with base size 600 x 400 mm or smaller. The smooth double base guarantees optimal, trouble-free, low-noise movement on conveyors. Problem free storage even of damaged cardboard cartons and packaging material, in fully automated storage systems. Suitable for lifting, gripping and pulling technologies. Homogeneous material flow. The double base guarantees tray integrity even with high loads. Flexible and secure positioning of labels and barcodes. Smooth surfaces facilitate quick and economical cleaning. Recessed handgrip on the front available on request (facilitates gripping and lifting of packages).

Material: Polypropylene, conductive, black.

Item	External dim. L x W x H (mm)	Internal dimensions L x W x H (mm)	Order no.
T 01	624 x 424 x 47	609 x 409 x 34	25778



Conductive printofix holders

Can be used in conjunction with conductive semi-open front, transport stacking and Euro-Fix containers or on its own. Available in two sizes, made from conductive polypropylene or white, non-conductive plastic. For containers 14/7-2, 2 H, 2 Z and 14/6-2, 2 H, 2 Z.

Dimensions: L 275 x W 206 x H 93 mm

Item	Finish	Order no.
LPL 1	Conductive, with discharge socket	22410
LPW 1	Non-conductive, white	22400

For EF containers L 600 x W 400 mm.

Dimensions: L 355 x W 265 x H 130 mm

Item	Finish	Order no.
LPL 2	Conductive	22430
LPW 2	Non-conductive, white	22420



Printofix boards

For EF containers L 400 x W 300 (1 board) and L 600 x W 400 mm (2 boards). With grip openings for easier handling. For conductive holders of up to 552 mm length.

Dimensions: L 355 x W 248 x H 13 mm.

Item	Order no.
LP 2	22440

Printofix trays

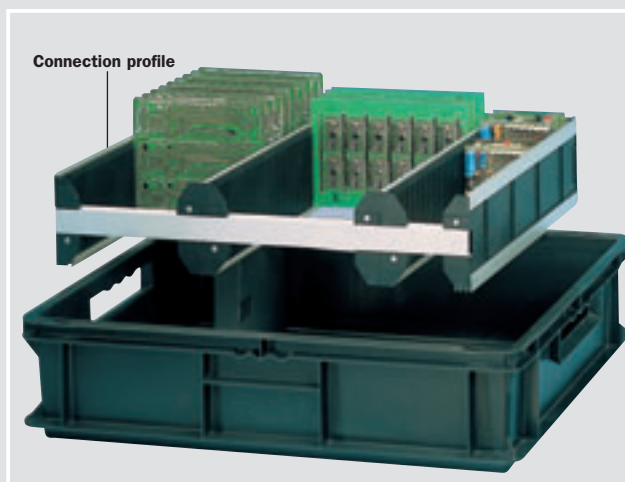
For EF containers L 400 x W 300 and L 600 x W 400 mm. The illustrated trays are standard models.

Special trays can be made on request to suit individual requirements.

Printofix trays can be stacked when empty and full.



Vario Frames – conductive container inserts



Complete frames

Height 114 mm, for base dimension 400 x 300 mm, consisting of:

Item	Alignment of circuit boards	2 side sections L (mm)	1 centre section L (mm)	2 connection profiles L (mm)	Order no.
Vario 919	Longitudinal	253	—	353	171658
Vario 900	Longitudinal	253	253	353	171668
Vario 920	Lateral	353	—	253	171678
Vario 901	Lateral	353	353	253	171688

Height 114 mm, for base dimension 600 x 400 mm, consisting of:

Item	Alignment of circuit boards	2 side section L (mm)	1 centre section L (mm)	2 connection profiles L (mm)	Order no.
Vario 925	Longitudinal	353	—	553	171698
Vario 902	Longitudinal	353	353	553	171708
Vario 926	Lateral	553	—	353	171718
Vario 903	Lateral	553	553	353	171728

Versatile, electro-conductive container inserts for Euro containers of various dimensions. Container inserts or self-contained circuit board magazines of any dimension, up to magazines for automatic systems, are available in smaller quantities.

Vario Frames guarantee safe storage and transport of electronic parts in Euro containers. The special design of the Vario Frame enables container inserts to be supplied in any dimension in a 10 mm grid and slide-in trays in increments of 105 mm to be supplied.



Side sections

Height 114 mm, push-in depth 108 mm, wall thickness 6 mm.

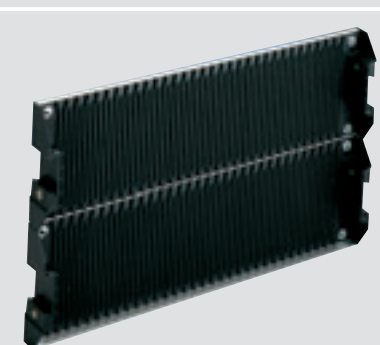
Item	L (mm)	Guides	Order no.
Vario 904	253	21	171508
Vario 905	353	31	171518
Vario 906	553	51	171528



Centre sections

Height 114 mm, push-in depth 108 mm, wall thickness 10 mm.

Item	L (mm)	Guides	Order no.
Vario 907	253	21	171538
Vario 908	353	31	171548
Vario 909	553	51	171558



Side sections

Height 221 mm, push-in depth 213 mm, wall thickness 6 mm.

Item	L (mm)	Guides	Order no.
Vario 913	253	21	171568
Vario 914	353	31	171578
Vario 915	553	51	171588



Centre sections

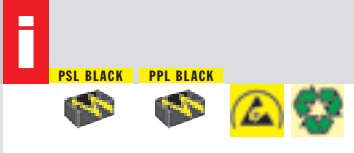
Height 221 mm, push-in depth 213 mm, wall thickness 10 mm.

Item	L (mm)	Guides	Order no.
Vario 916	253	21	171598
Vario 917	353	31	171608
Vario 918	553	51	171618

Connection profiles (no illustr.)

Made from aluminum.

Item	L (mm)	Order no.
Vario 910	253	171628
Vario 911	353	171638
Vario 912	553	171648



Pyramid tray, SMD coil box and push-in partitioning

Pyramid trays

For EF containers with base dimension of 600 x 400 mm. Suitable for storing, transporting and assembling PCB's and semi-conductors. Semi-conductors can be placed anywhere on the tray. The surface provides gentle protection to the bottom of the circuit boards and semi-conductors.

Item	External dim. L x W x H (mm)	Order no.
TTE 048	548 x 345 x 62	22388



SMD Coil box

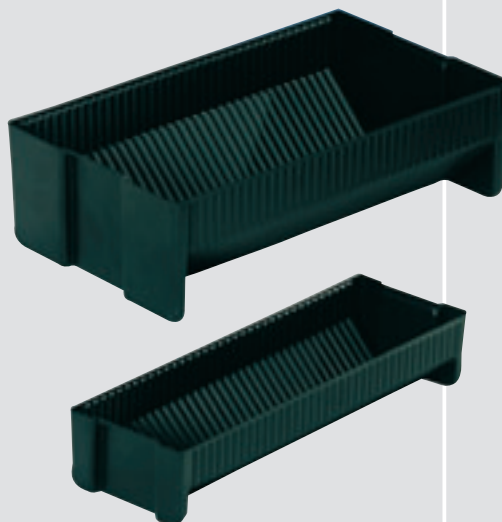
Special boxes for optimal handling and secure storage of SMD coils in ESD areas. The self-supporting design provides for secure coil storage without tilting during transport or storage. The dimensions are optimally coordinated to fit modular shelving systems and on-line shelving as well as for PICKOMAT®.

Conductive polystyrene, black.

Item	External dim. L x W x H (mm)	Max. number of coils	Order no.
SMD 621	600 x 188 x 110	36 (Ø 180 mm)	38778
SMD 642	600 x 350 x 178	36 (Ø 330 mm)	38788

SMD Coil box for Euro size container

Item	External dim. L x W x H (mm)	Max. number of coils	Order no.
SMD 642 K	540 x 350 x 178	32 (Ø 180 mm)	38768



Dividers (no illustr.)

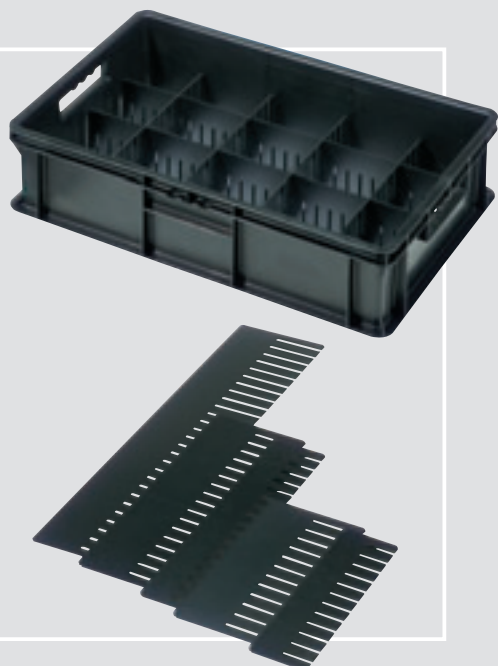
Item	Dim. L x W x H (mm)	Order no.
SMD-T 621	175 x 130 x 2	38758
SMD-T 642	430 x 195 x 2	38748

Push-in partitioning

A relatively simple and inexpensive way of providing divisions of equal or different sizes, in conductive Euro-Fix containers, by using slotted dividers of conductive polystyrene. Alternatively made from non-conductive materials on request.

The smallest achievable compartment size is 18 x 18 mm, this can be expanded to each side in 20 mm increments as often as required: i.e. to 38 x 18, 38 x 38 mm, 58 x 18, 58 x 38 mm, 78 x 58 mm, etc.

Item	For containers L x W (mm)	Crosswise divider W x H (mm)	Lengthwise divider L x H (mm)	Order no.
QT-K 308 PSL	400 x 300	252 x 80	—	2158
L/QT-K 408 PSL		—	352 x 80	2138
QT-K 314 PSL		252 x 140	—	2168
L/QT-K 414 PSL		—	352 x 140	2148
L/QT-K 408 PSL	600 x 400	352 x 80	—	2138
LT-K 608 PSL		—	552 x 80	2118
L/QT-K 414 PSL		352 x 140	—	2148
LT-K 614 PSL		—	552 x 140	2128



KLT container system – Material flow conforming to VDA standard

KLT series – mini-load container

The KLT mini-load container represents a standard container for both manual and automated handling. These are used as special containers for material flow conforming to the VDA standard in the car industry, for component transport between car manufacturers and tiered suppliers.

KLT containers are especially suitable for:

- automated parts picking from the container and positioning of empty stacks,
- horizontal and vertical handling by means of KLT grooves and slots,
- gripping technology facilitated by 2 grooves on the longitudinal sides,
- use in mini-load systems, thanks to grip grooves on front and sides.

All containers are designed to be stackable on 1200 x 1000 and 1200 x 800 mm pallets. The base ribbing and stacking feet guarantee the container stability and prevent it from tipping over.

Beyond that, they offer favorable conditions with regard to cleaning and fire resistance due to their double-wall construction. The R -, RL- and foldable KLT series are optionally available with water drainage holes in the base.



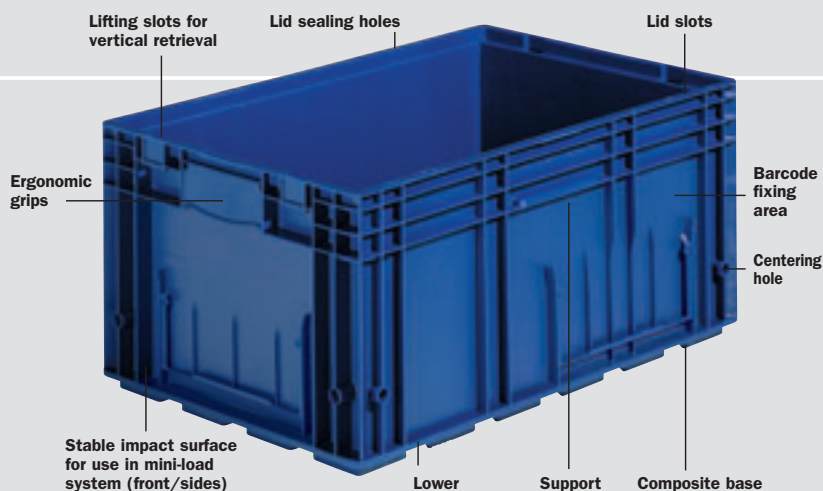
RAL 5003



- **Polypropylene**
resistant to most oils, acids and alkalis,
quiet running on conveyors, withstands
temperatures from -20° to +100° Celsius

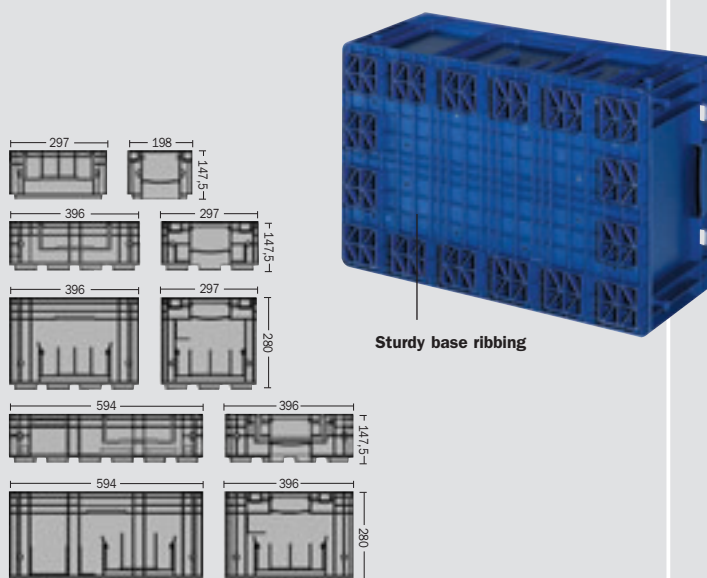
- **Robust and stable design**
- **Fully recyclable**
- **Ergonomic hand grips**
- **Lifting slots for automatic handling**
- **Optimised effective volume**
- **Smooth internal walls**
for easy cleaning
- **Compatible**
with all Euro dimension containers
and KLT models
- **VDA standard 4500**

R-KLT series according to VDA 4500



R-KLT containers with sturdy base ribbing

Item	Interior dim. when stacked L x W x useable height (mm)	Capacity (litre)	Order no.
R-KLT 3215	243 x 162 x 129,5	5,3	20704
R-KLT 4315	346 x 265 x 109,5	10,0	20714
R-KLT 4329	346 x 265 x 242,0	22,0	20724
R-KLT 6415	544 x 364 x 109,5	22,0	20794
R-KLT 6429	544 x 364 x 242,0	48,0	20734



VDA card holder



Ergonomic hand grip at the front



Sturdy corner ribbing



Barcode area



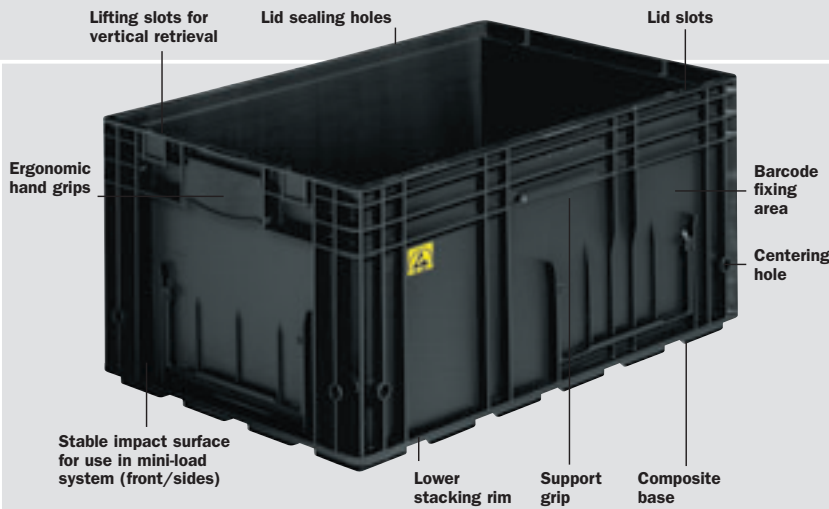
Longitudinal support grip



Lifting slots for vertical retrieval



R-KLT series conforming to VDA 4504 – electrostatic-conducting



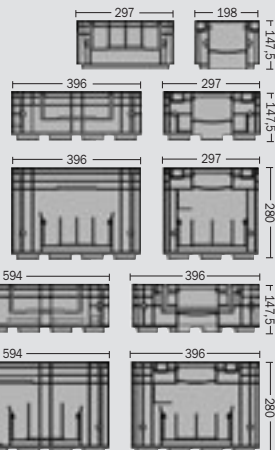
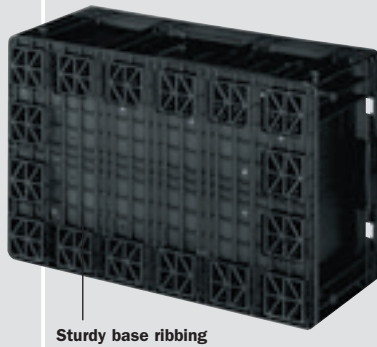
- **Polypropylene**
resistant to most oils, acids and alkalis,
quiet running on conveyors, withstands
temperatures from -20° to +100° Celsius
- **Robust and stable design**
- **Fully recyclable**
- **Ergonomic hand grips**
- **Lifting slots for automatic handling**
- **Optimised effective volume**
- **Smooth internal walls**
for easy cleaning
- **Compatible**
with all Euro dimension containers
and KLT models
- **VDA standard 4504 / 4 - 10**

► Electro-static conductive polypropylene (PPL)

Specific volume resistance	Normal PE/PP 10 ¹⁸ Ohm x cm <	PPL ≥ 1 x 10 ⁴ x ≤ 1 x 10 ¹⁰ Ohm
Specific surface resistance	10 ¹⁴ Ohm	≥ 1 x 10 ⁴ x ≤ 1 x 10 ¹⁰ Ohm

R-KLT container/electrostatic-conducting

Item	Interior dim. when stacked L x W x useable height (mm)	Capacity (litre)	Order no.
R-KLT 3115 ESD	243 x 162 x 129,5	5,3	20708
R-KLT 4115 ESD	346 x 265 x 109,5	10,0	20718
R-KLT 4129 ESD	346 x 265 x 242,0	22,0	20728
R-KLT 6115 ESD	544 x 364 x 109,5	22,0	20798
R-KLT 6129 ESD	544 x 364 x 242,0	48,0	20738



VDA card holder



Ergonomic hand grip at the front



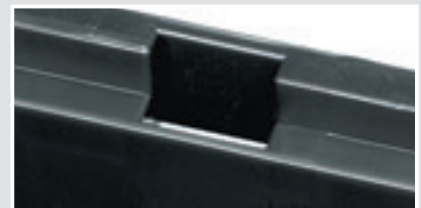
Sturdy corner ribbing



Barcode area



Longitudinal support grip



Lifting slots for vertical retrieval

RAL 5005



► Polypropylene

resistant to most oils, acids and alkalis,
quiet running on conveyors, withstands
temperatures from -20° to +100° Celsius

► Robust and stable design

► Fully recyclable

► Ergonomic hand grips

► Lifting slots for automatic handling

► Optimised effective volume

► Smooth internal walls

for easy cleaning

► Compatible

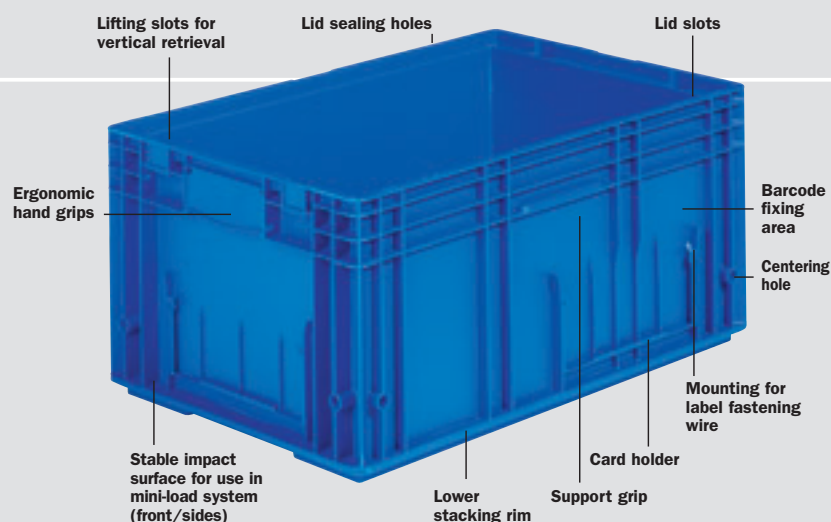
with all Euro dimension containers
and KLT models

► Water drainage holes in the base

can be supplied acc. to VDS classification
directive BG 4.3. (not RL-KLT 3147)

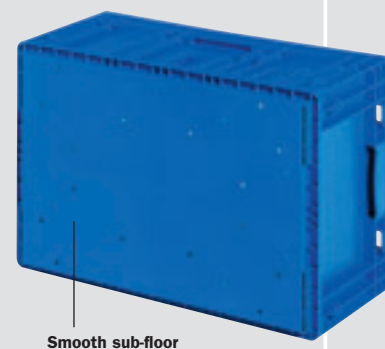
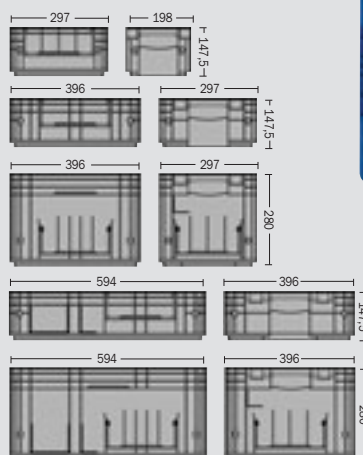
► VDA standard 4500

RL-KLT series according to VDA 4500



RL-KLT containers with smooth base

Item	Interior dim. when stacked L x W x useable height (mm)	Capacity (litre)	Order no.
RL-KLT 3147	243 x 162 x 129,5	5,3	20744
RL-KLT 4147	345 x 260 x 129,5	11,8	20754
RL-KLT 4280	345 x 260 x 262,0	24,1	20764
RL-KLT 6147	544 x 359 x 129,5	25,0	20784
RL-KLT 6280	544 x 359 x 262,0	51,9	20774



Smooth sub-floor



VDA card holder



Ergonomic hand grip at the front



Sturdy corner ribbing



Barcode area



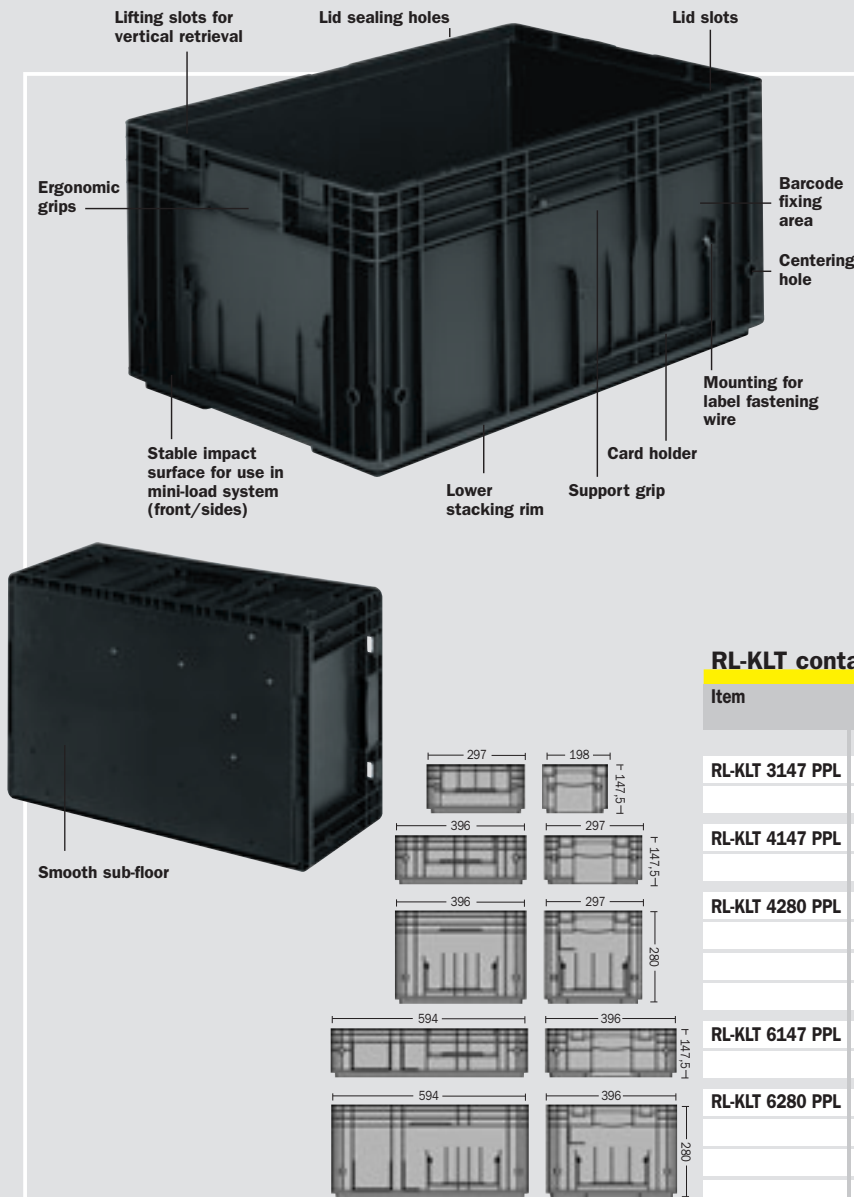
Longitudinal support grip



Lifting slots for vertical retrieval



RL-KLT series – electrostatic-conducting



► Polypropylene

resistant to most oils, acids and alkalis, quiet running on conveyors, withstands temperatures from -20° to +100° Celsius

► Robust and stable design

► Fully recyclable

► Ergonomic hand grips

► Lifting slots for automatic handling

► Optimised effective volume

► Smooth internal walls

for easy cleaning

► Compatible

with all Euro dimension containers and KLT models

► Water drainage holes in the base

can be supplied acc. to VDS classification directive BG 4.3. (not RL-KLT 3147)

► Electro-static conductive polypropylene (PPL)

Specific volume resistance
Specific surface resistance

Normal PE/PP
 10^{18} Ohm x cm <
 10^{14} Ohm

PPL

10^3 Ohm x cm

10^4 Ohm

RL-KLT container/electrostatic-conducting

Item	Interior dim. when stacked L x W x useable height (mm)	Capacity (litre)	Order no.
RL-KLT 3147 PPL	243 x 162 x 129,5	5,3	20748
RL-KLT 4147 PPL	345 x 260 x 129,5	11,8	20758
RL-KLT 4280 PPL	345 x 260 x 262,0	24,1	20768
RL-KLT 6147 PPL	544 x 359 x 129,5	25,0	20788
RL-KLT 6280 PPL	544 x 359 x 262,0	51,9	20778

On-line shelving from page G1



VDA card holder



Ergonomic hand grip at the front



Sturdy corner ribbing



Barcode area



Longitudinal support grip



Lifting slots for vertical retrieval

RAL 5012



► Polypropylene

resistant to most oils, acids and alkalis,
quiet running on conveyors, withstands
temperatures from -20° to +100° Celsius

► Robust and stable design

► Fully recyclable

► Smooth internal walls for easy cleaning

► Manual and automatic handling

► Stable when stacked

thanks to base ribbing with stacking feet

► Use in mini-load systems

thanks to grip grooves on the front and sides

► Horizontal and vertical grip

in KLT grooves and lifting slots

► Gripping technology on the longitudinal sides

thanks to two vertical grip grooves

► Automatic parts picking

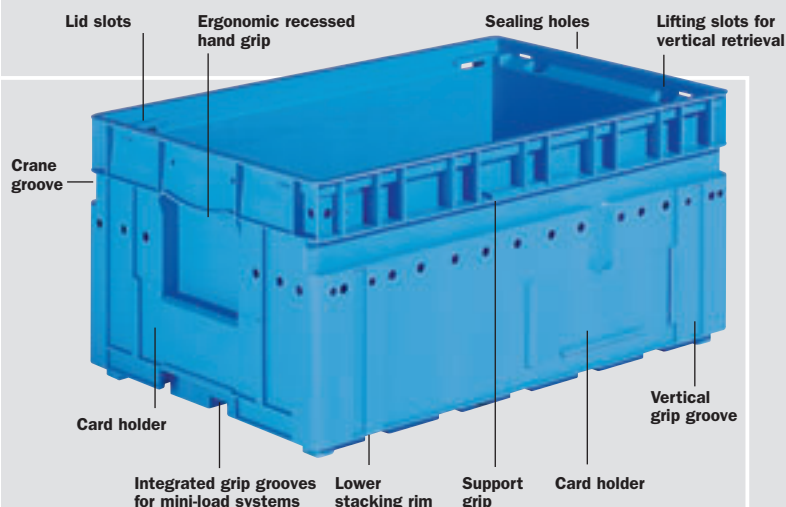
and positioning on empty stacks

► Hazardous goods containers

available with UN certification

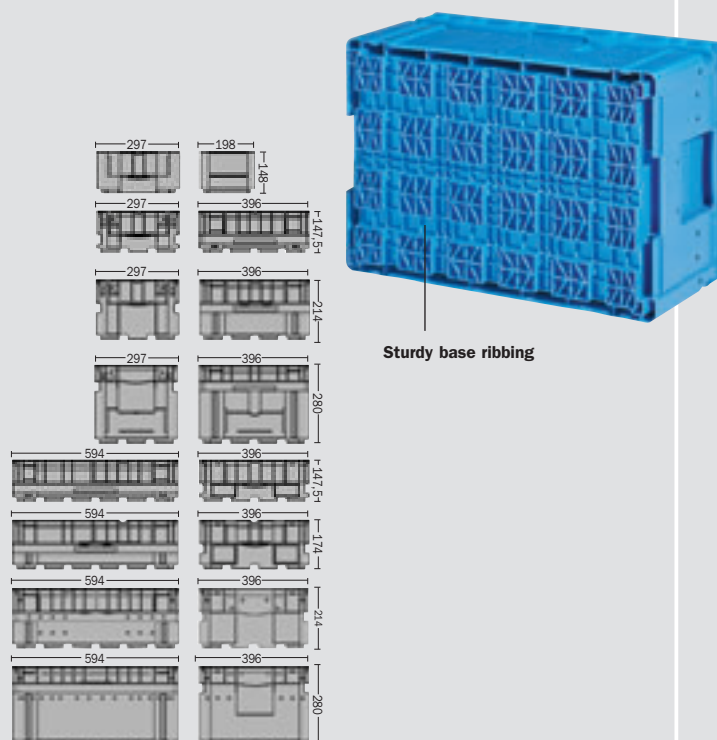
► VDA standard 4500

C-KLT series according to VDA 4500

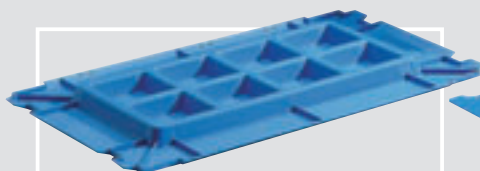


C-KLT containers with sturdy base ribbing

Item	Internal dim. when stacked L x W x useable height (mm)	Content (litre)	Fill weight max. (kg)	Load b. max. (kg)*	Order no.
C-KLT 3214	260 x 136 x 127,5	4,6	30	400	15764
C-KLT 4314	334 x 247 x 103,5	8,5	50	600	15774
C-KLT 4321	334 x 247 x 169,75	14,0	50	600	1604
C-KLT 4328	334 x 247 x 236,0	19,0	50	600	15784
C-KLT 6414	532 x 346 x 98,5	18,0	50	600	15804
C-KLT 6417	532 x 346 x 125,0	23,0	50	600	1614
C-KLT 6421	532 x 346 x 164,75	30,0	50	600	1624
C-KLT 6428	532 x 346 x 231,0	43,0	50	600	15794



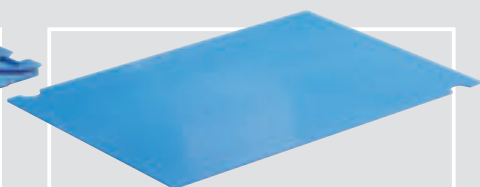
* evenly distributed



Lid

Sealable, dust-proof. Container can be stacked
when lid is in place, indentation of 15 mm.
Material polypropylene, colour blue (RAL 5012).

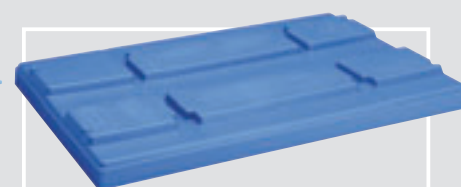
Item	For container L x W (mm)	Order no.
C-KLT-D 32	297 x 198	16514
C-KLT-D 43	396 x 297	16414
C-KLT-D 64	594 x 396	16424



Insert bases

With moulded grip indentations to protect goods
stored on top of each other.
Material polypropylene, colour blue (RAL 5012).

Item	For container L x W (mm)	Order no.
ZL 43	396 x 297	39684
ZL 64	594 x 396	39694



Top cover

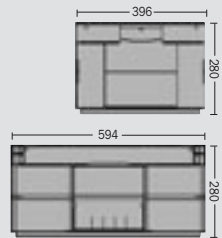
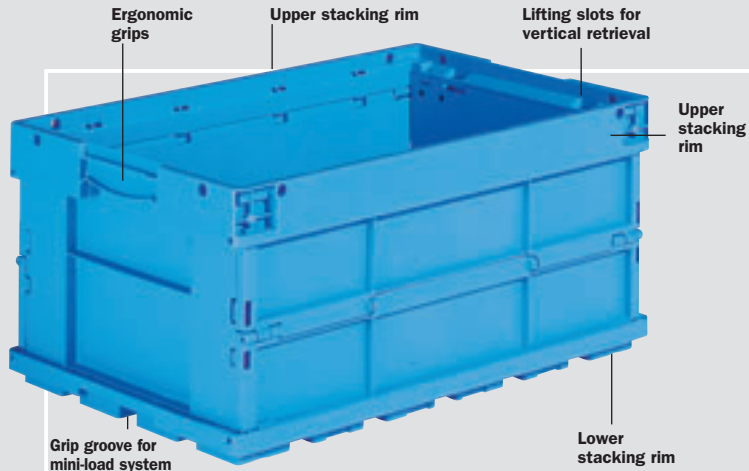
Used to cover KLT containers stacked on a
Euro pallet. Equipped for banding. Suitable
for all KLT containers.

Item	For pallet L x W (mm)	Order no.
A 1208	1200 x 800	39704

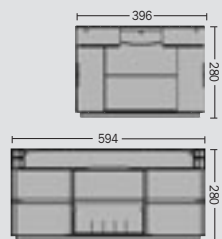
Other sizes on request.



Foldable KLT according to VDA 4500



Sturdy base ribbing



Smooth sub-floor

Foldable KLT

folded size: 94.5 mm, stacked 79.5 mm,
max. load: 20 kg

Long service life

thanks to stable container design

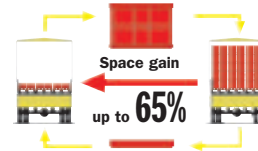
Fully compatible with all KTL containers

especially suitable for use in the automotive industry

VDA standard 4500

Volume reduction

up to 65% for return transport



Conductive polypropylene (PPL)

Specific
volume
resistance
Specific
surface
resistance

Normal PE/PP
 10^{18} Ohm x cm <
 10^{14} Ohm

PPL
 10^3 Ohm x cm
 10^4 Ohm

PPL BLACK



Foldable KLT according to VDA 4500 with honeycomb base

Item	Internal dim. when stacked L x W x useable height (mm)	Capacity (litre)	Order no.
F-KLT 6410	534 x 357 x 257	46,0	2204
F-KLT 6410 PPL			2208

Foldable KLT according to VDA 4500 with smooth base

Item	Internal dim. when stacked L x W x useable height (mm)	Capacity (litre)	Order no.
F-KLT 6410 G	534 x 353 x 277	49,5	2094



Ergonomic hand grip at the front



Sturdy corner ribbing



VDA card holder



Lifting slots for vertical retrieval



Top cover

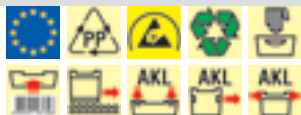
Used to cover KLT containers stacked on a Euro pallet. Equipped for banding. Suitable for all KLT containers.

Item	For pallet L x W (mm)	Order no.
A 1208	1200 x 800	39704

Other sizes on request.

BLUE

GREY

**► Polypropylene**

resistant to most oils, acids and alkalis, quiet running on conveyors, withstands temperatures from -20° to +100° Celsius

► Robust and stable design**► Fully recyclable****► Ergonomic hand grips****► Optimised effective volume****► Lifting slots for automatic handling****► Smooth base ensures low noise properties**
thanks to the smooth base**► Compatible**

with all Euro dimension containers and KLT models

► Water drainage holes in the base

can be supplied acc. to VDS classification directive BG 4.3. (not L-KLT 3147)

► Conductive polypropylene (PPL)

Specific volume resistance
Specific surface resistance

Normal PE/PP

10^{18} Ohm x cm <

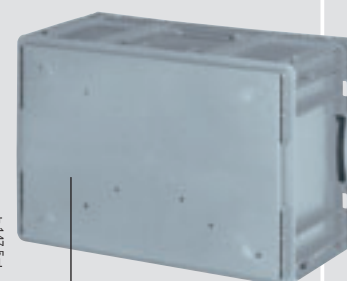
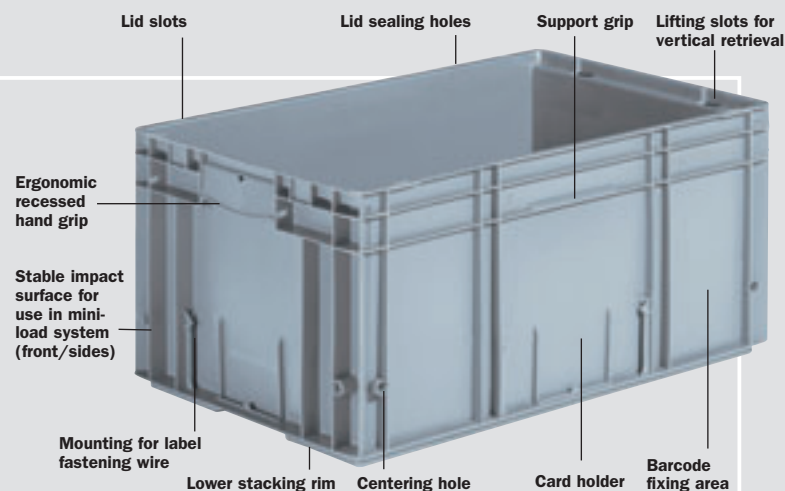
10^{14} Ohm

PPL

10^3 Ohm x cm

10^4 Ohm

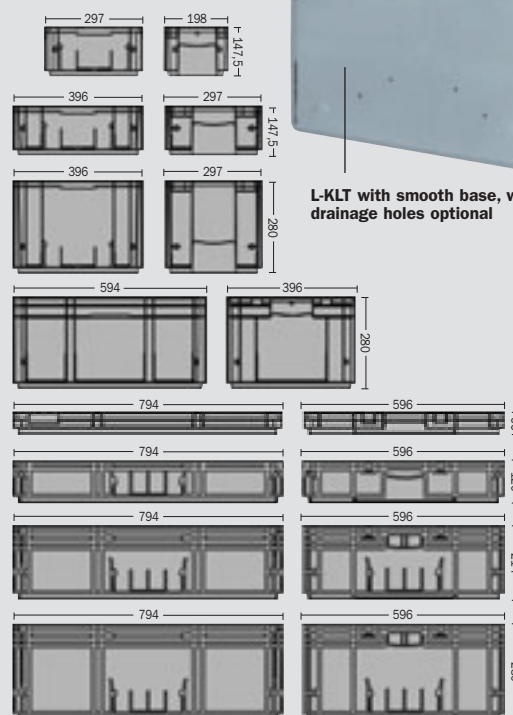
PPL BLACK

**L-KLT series**

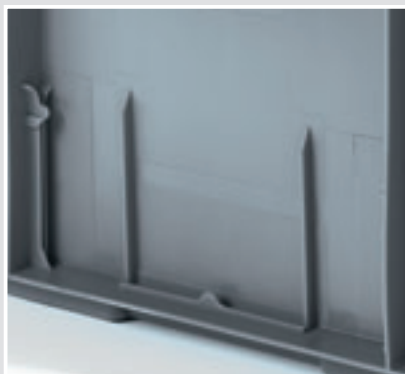
L-KLT with smooth base, water drainage holes optional

L-KLT containers with smooth base

Item	Internal dim. when stacked L x W x useable height (mm)	Capacity (litre)	Base	Order no.
L-KLT 3147	245 x 163 x 129	5,15		2174 2175 —
L-KLT 3147 PPL				— — 2178
L-KLT 4147	344 x 261 x 129	12,0		2184 2185 —
L-KLT 4147 PPL				— — 2188
L-KLT 4280	344 x 261 x 262	24,0		2104 2105 —
L-KLT 4280 PPL				— — 2108
L-KLT 6280	541 x 360 x 261	51,0		2194 2195 —
L-KLT 6280 PPL				— — 2198
L-KLT 8066	739 x 555 x 44	18,0		2074 2075 —
L-KLT 8066 PPL				— — 2078
L-KLT 8120	740 x 555 x 98	40,0		2064 2065 —
L-KLT 8120 PPL				— — 2068
L-KLT 8210	739 x 556 x 192	79,0		2044 2045 —
L-KLT 8210 PPL				— — 2048
L-KLT 8210 VS01	739 x 556 x 174,5	71,5		2054 2055 —
L-KLT 8280	739 x 556 x 256	107,0		20684 20685 —
L-KLT 8280 VS01				20694 20695 —



Vibration welding base (VS01 base)



Card holder on front and sides



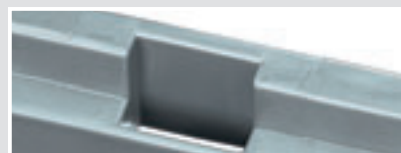
Ergonomic hand grip at the front



Longitudinal support grip



Sturdy corner ribbing



Lifting slots for vertical retrieval

Storage and transport containers – foldable and collapsible

The high requirements of the current packing regulations are asking for multi use transport containers, which contribute substantially to the avoidance of packaging waste. Depending upon type of box, the container volume is being reduced by approx. 80% on empty return trips.

All of SSI SCHAEFER's foldable plastic containers are compatible with Europallet dimensions.

The FK boxes have a fixed, strong upper edge which guarantees rigidity and safe stacking, even if used without a lid.

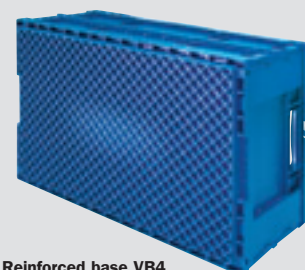
The collapsible type, which can only be used with a lid, is an economical alternative to the foldable type for shipping light goods. All FK boxes can also be used to transport food stuffs.



Smooth standard base
(max. load 20 kg)



Standard base VB3
(max. load 30 kg)



Reinforced base VB4
(max. load 30 kg)



Choice of open hand grip ...



... closed hand grip ...



... or hand grip with ribs



FK standard locking



Locking for FK 6300, FK-D 6300,
FK 8450, FK-DL 8450, FK-DS 8450,
FR 8450, FR-DL 8450, FR-DS 8450



Snap locking for FKE versions

BLUE GREY

Additional colours
on request

- **Polypropylene**
resistant to most oils, acids and alkalis,
low-noise running on conveyors, withstands
temperatures from -20° to +100° Celsius
- **Base dimensions:**
300 x 200 mm / 400 x 300 mm /
600 x 400 mm / 800 x 600 mm
- **Robust and stable design**
- **Perfect handling ensured**
by ergonomically placed hand grips
- **Hinged, 2-part lid**
sealable
- **With ribbed base**
suitable for mini-load systems
- **Volume reduction of approx. 80%**

Ergonomic
gripsStable,
sealable lidReinforced
top frame

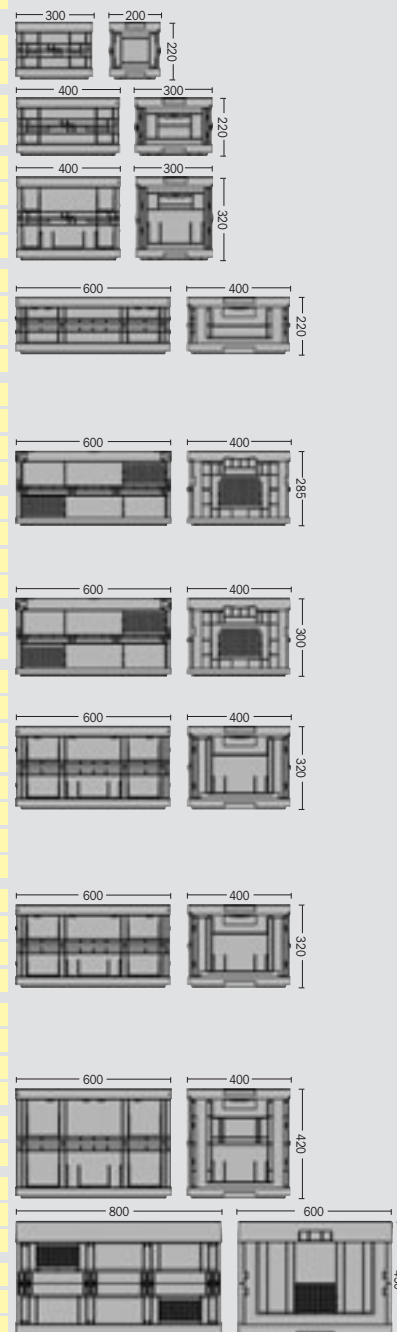
FK boxes

Label holder

Robust
tunnel hinges

FK boxes

Item	Exterior dim. L x W x H (mm)	Capacity (litre)	H (mm) folded	H folded when stacked	Finish	Base	Order no.
FK 3220	300x200x220	10,0	79	69	no lid		93304 93305
FK-D 3220					with lid		93404 93405
FK 4220	400x300x220	20,0	79	69	no lid		93314 93315
FK-D 4220					with lid		93414 93415
FK 4320	400x300x320	30,0	79	69	no lid		93324 93325
FK-D 4320					with lid		93424 93425
FK 6220	600x400x220	45,0	79	69	no lid		93334 93335
FK 6220 VB3					no lid	VB	93734 93735
FK-D 6220					with lid		93434 93435
FK-D 6220 VB3					with lid	VB	93754 93755
FKE 6285	600x400x285	57,0	79	69	no lid		93684 93685
FKE 6285 VB4					no lid	VB	91764 91765
FKE-D 6285					with lid		93694 93695
FKE-D 6285 VB4					with lid	VB	91774 91775
FK 6285	600x400x285	57,0	79	69	no lid		91784 91785
FK 6285 VB4					no lid	VB	91794 91795
FK-D 6285					with lid		91804 91805
FK-D 6285 VB4					with lid	VB	91814 91815
FK 6300	600x400x300	58,0	76	69	no lid		93384 93385
FK-D 6300*					with lid, interior		93484 93485
FK 6320	600x400x320	65,0	79	69	no lid		93344 93345
FKE 6320					no lid		93764 93765
FK 6320 VB3					no lid	VB	91854 91855
FKE 6320 VB3					no lid	VB	93724 93725
FK-D 6320					with lid		93444 93445
FKE-D 6320					with lid		93774 93775
FK-D 6320 VB3					with lid	VB	91864 91865
FKE-D 6320 VB3					with lid	VB	93744 93745
FKE 6320-2	600x400x320	65,0	79	69	no lid		90404 90405
FKE 6320-2 VB4					no lid	VB	90414 90415
FKE-D 6320-2					with lid		90424 90425
FKE-D 6320-2 VB4					with lid	VB	90434 90435
FK 6320-2	600x400x320	65,0	79	69	no lid		90444 90445
FK 6320-2 VB4					no lid	VB	90454 90455
FK-D 6320-2					with lid		90464 90465
FK-D 6320-2 VB4					with lid	VB	90474 90475
FK 6420	600x400x420	85,0	79	69	no lid		93354 93355
FK-D 6420					with lid		93454 93455
FK 8450	800x600x450	180,0	135	123	no lid	VB	93364 93365
FK-DL 8450					with lid, interior **	VB	93474 93475
FK-DS 8450					with lid, interior***	VB	93464 93465
FR 8450	foldable top frame		135	123	no lid		93614 93615
FR-DL 8450	800x600x450				with lid, interior **		93644 93645
FR-DS 8450					with lid, interior***		93654 93655



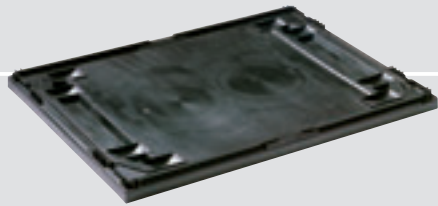
* The box FK-D 6300 can also be supplied as hazardous goods container with UN certification.

** Side hinged

*** Front hinged

Smooth VB Reinforced

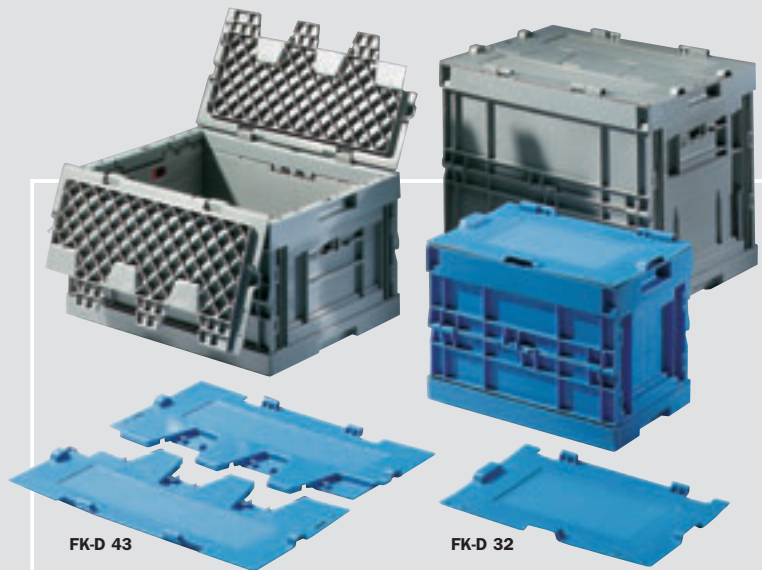
Accessories for FK boxes



Top cover

Stackable. Used to cover stacked FK boxes. With grooves and recesses for stacking dollies. 30 mm high when stacked. Colour: Black.

Item	Dim. L x W x H (mm)	Order no.
ADH 86	814 x 614 x 44	93628



Lids for FK boxes

In order to protect the contents of the box, the box can be fitted with a hinged, sealable lid. Reinforcing ribs on the bottom of the lid guarantee high load bearing capacity when stacked. Surface mounted lid handles and hinges keep containers from sliding when stacked.

Item	For box	Exterior dim. L x W (mm)	Lid design	Order no.
FK-D 32	FK 3220	300 x 200		93504 93505
FK-D 43	FK 4220	400 x 300		93514 93515
FK-D 43	FK 4320	400 x 300		93514 93515
FK-D 64	FK 6220	600 x 400		93524 93525
FK-D 64	FK 6320	600 x 400		93524 93525
FK-D 64	FK 6420	600 x 400		93524 93525
FK-D 63	FK 6300	600 x 400	inside	93534 93535
FK-DL 86	FK 8450	800 x 600	side-hinged	93544 93545
FK-DS 86	FK 8450	800 x 600	front-hinged	93554 93550



Dolly

Dolly with 2 swivel and 2 fixed castors Ø 125 mm, ground clearance for fork lift trucks 115 mm; max. load up to 450 kg. Dollies can be stacked safely for return transport and storage. Stack height 130 mm. Max. stacking height on the dolly is 1,80 m.

The dolly facilitates movement of FK boxes within the order picking zone and generally in-house. Suitable for use with fork lift trucks (ground clearance 115 mm).

Item	Dim. L x W x H (mm)	Order no.
RLP 86	800 x 600 x 200	93608



Roll-Fix

LTS tray with 4 swivel castors Ø 75 mm. Closed platform made from polypropylene with a 15 mm high stacking rim.

Max. load: 200 kg.

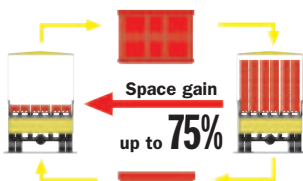
Item	Dim. L x W x H (mm)	Finish	Order no.
R0 460	594 x 396 x 145	with plastic castors	22201 22205
R0 461	594 x 396 x 145	with solid rubber castors	22211 22215



Additional colours
on request



- **Polypropylene**
resistant to most oils, acids and alkalis,
low-noise running on conveyors, withstands
temperatures from -20° to +100° Celsius
- **Base dimensions:**
400 x 300 mm / 600 x 400 mm
- **High stability**
- **Codable**
- **Can be labelled**
- **Sealable**
- **Can be supplied as hazardous
goods containers**
with UN certification
- **Space gain of approx. 75%**
from empty and folded boxes

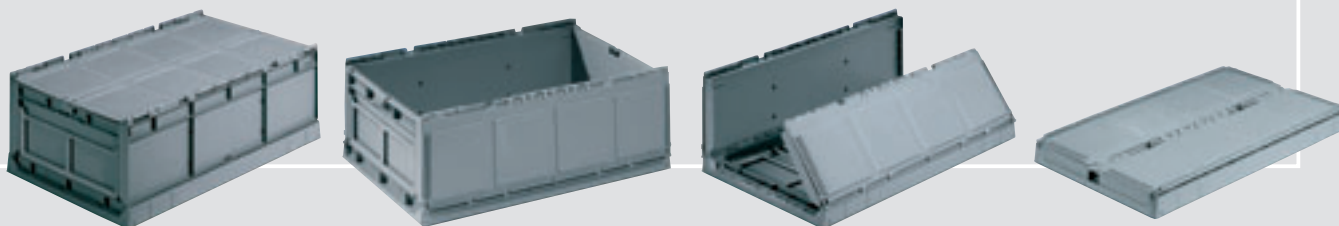
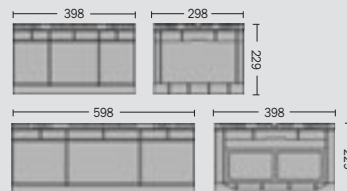


Foldable containers KB



Foldable containers KB

Item	Interior dim. when stacked L x W x H (mm)	Capacity (litre)	Order no.
KB 4225	356 x 258 x 210	19,0	 93704  93705
KB 6225	558 x 357 x 210	42,0	93714 93715

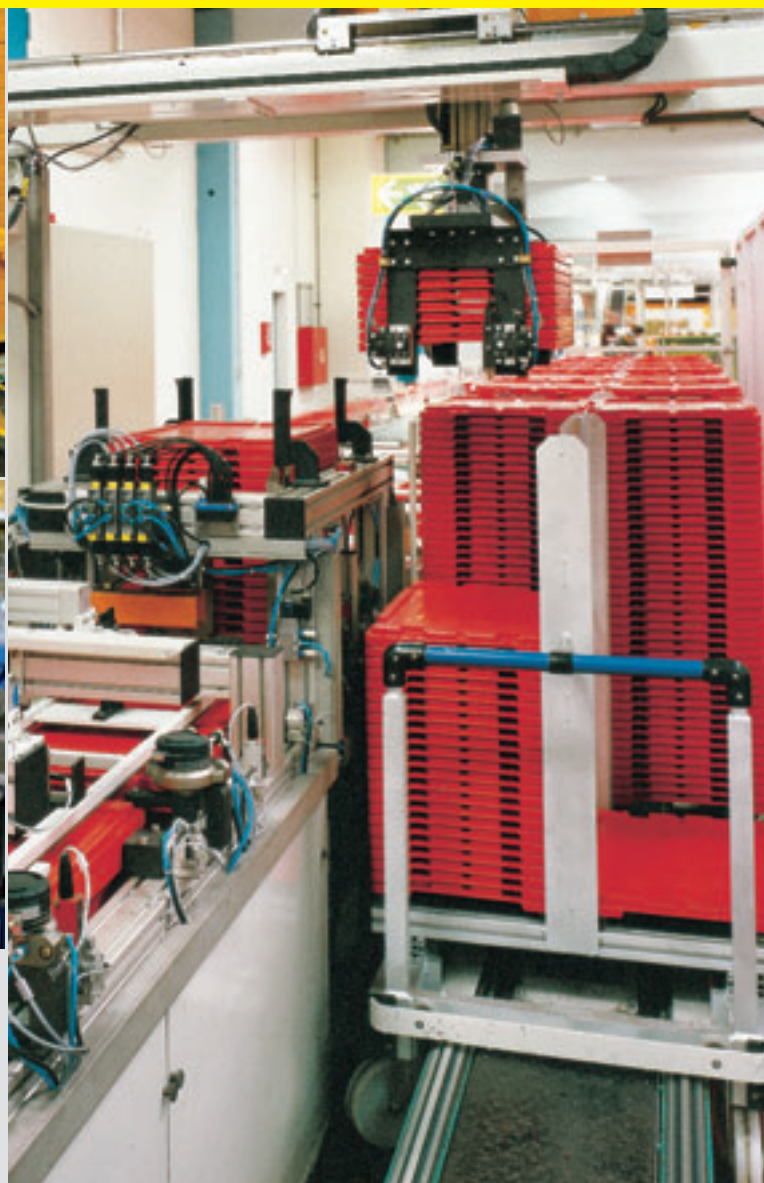


Space saving stack and nest containers

Nesting storage and transport containers provide economical solutions and multiple uses for returnable packaging and order picking applications.

The three basic options for volume reduction in containers with rigid outer walls are:

- ▶ Conical containers with bail arms – can be stacked inside each other or on top of each other by turning the bail arms by 180° (see KMB with bail arms).
- ▶ Stack and nest containers – can be stacked full with or without a lid and stacked inside each other by rotating 180°.
- ▶ Conical containers which can only be stacked with a lid or nested empty inside each other without a lid.



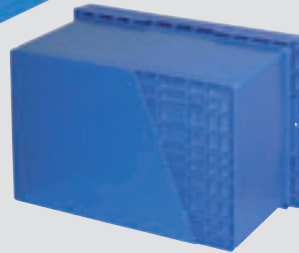
BLUE



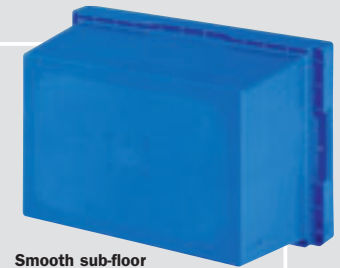
Additional colours
on request



- **Polypropylene**
resistant to most acids and alkalis,
withstands temperatures between -20°
and +90° Celsius, the base material is
suitable for use with foodstuffs
- **Space gain**
75% space gain when empty
- **Automatic unstacking possible**
from sides and front
- **Ergonomic**
thanks to comfortably designed hand grips
- **Easy cleaning**
thanks to smooth surfaces and optimally
placed water drainage holes
- **Ribbed base optional**
max. load up to 50 kg
- **Quiet running**
on conveyors
- **Easy gripping**
on conveyors thanks to rough base
- **Barcode areas**
protected against damage and dust
due to special arrangement



Vibration welding base VS01



Smooth sub-floor

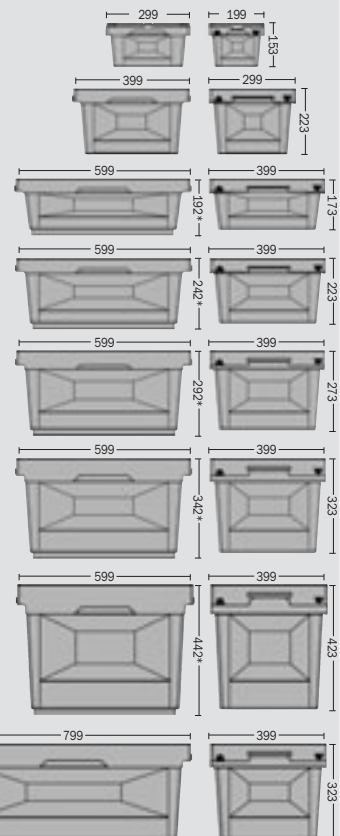


Reinforced base VB01

KMB – conical multi-use containers without bail arm and lid

Item	Interior dim. when stacked L x W x useable height (mm)	External dim. with anti- lifting device L x W (mm)	External dim. at base L x W (mm)	Capacity (litre)	Base	Order no.
KS 3153	242 x 150	—	245 x 153	6,3		16474
KMB 422	315 x 235 x 220	407 x 299	320 x 240	18,0		75514
KMB 617	500 x 330 x 169	607 x 399	505 x 335	29,0		75364
KMB 617 VB01	500 x 330 x 169	607 x 399	505 x 335	29,0	VB	75394
KMB 622	500 x 330 x 219	607 x 399	505 x 335	38,0		75544
KMB 622 VB01	500 x 330 x 219	607 x 399	505 x 335	38,0	VB	75574
KMB 627	500 x 330 x 269	607 x 399	505 x 335	47,0		75424
KMB 627 VB01	500 x 330 x 269	607 x 399	505 x 335	47,0	VB	75454
KMB 627 VS01	500 x 330 x 250	607 x 399	505 x 335	44,0	VS	74794
KMB 632	500 x 330 x 319	607 x 399	505 x 335	58,0		75604
KMB 632 VB01	500 x 330 x 319	607 x 399	505 x 335	58,0	VB	75634
KMB 642	500 x 330 x 419	607 x 399	505 x 335	74,0		75924
KMB 642 VB01	500 x 330 x 419	607 x 399	505 x 335	74,0	VB	75954
KMB 832	700 x 330 x 319	807 x 399	705 x 335	76,0		75664

Smooth VB Reinforced base VS Vibration welding base (VS01 base)



* Height for VB01 model



Anti-lifting device



Bail arm opening



Ergonomically designed comfortable hand grips

Additional colours
on request**In addition to:**the KMB advantages (comp. p. A67
model without bail arm and lid)

- ▶ **Easy to handle bail arms**
- ▶ **High handling security**
simple handling thanks to locking function
- ▶ **Exact fit**
exact fit of the bail arms – turned out or turned in
- ▶ **Strong bail arms**
material reinforced with glass fibre
- ▶ **Each bail arm is replaceable**
- ▶ **No limitation of the effective volume**

KMB with bail arms

Stacking principal
with bail armsBail arms for stacking when full or empty with a rotation
of 180° and locking device**KMB – conical multi-use containers with bail arms**

Item	Internal dim. when stacked L x W x useable H (mm)	External dim. with anti-lifting device	Exterior dim. at base L x W (mm)	Incl. the following accessories	Capacity ¹⁾ (litre)	Base	Order no.
 KMB-B 422	315 x 235 x 208	407 x 299	320 x 240	2 brackets KMB-B300			75524
 KMB-B 617	500 x 330 x 157	607 x 399	505 x 335	2 brackets KMB-B400			75374
 KMB-B 617 VB01	500 x 330 x 157	607 x 399	505 x 335	2 brackets KMB-B400			75404
 KMB-B 622	500 x 330 x 207	607 x 399	505 x 335	2 brackets KMB-B400			75554
 KMB-B 622 VB01	500 x 330 x 207	607 x 399	505 x 335	2 brackets KMB-B400			75584
 KMB-B 627	500 x 330 x 257	607 x 399	505 x 335	2 brackets KMB-B400			75434
 KMB-B 627 VB01	500 x 330 x 257	607 x 399	505 x 335	2 brackets KMB-B400			75464
 KMB-B 627 VS01	500 x 330 x 238	607 x 399	505 x 335	2 brackets KMB-B400			74984
 KMB-B 632	500 x 330 x 307	607 x 399	505 x 335	2 brackets KMB-B400			75614
 KMB-B 632 VB01	500 x 330 x 307	607 x 399	505 x 335	2 brackets KMB-B400			75644
 KMB-B 642	500 x 330 x 407	607 x 399	505 x 335	2 brackets KMB-B400			75934
 KMB-B 642 VB01	500 x 330 x 407	607 x 399	505 x 335	2 brackets KMB-B400			75964
 KMB-B 832	700 x 330 x 307	807 x 399	705 x 335	2 brackets KMB-B400			75674

* Height for VB01 model

¹⁾ as table on page A67

Smooth

Reinforced base

Vibration welding base (VS01 base)



Bail arms turned in for nesting



Bail arms turned out for stacking



Bail arms locked

BLUE



Additional colours
on request

In addition to:

the KMB advantages (comp. p. A67
model without bail arm and lid)

- **Stackable when closed**
available in different base sizes and heights
- **Optimal protection of the goods
against dust**
- **High handling security**
thanks to seal
- **Additional security**
because of banding grooves
- **High volume reduction**
when empty, due to close fitting lids
- **Each lid is individually
exchangeable**
with hinge system



Stacking with closed lid

Sealing

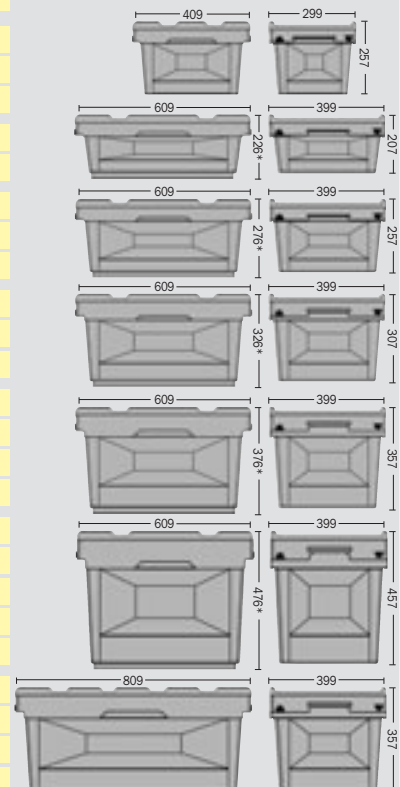


Stacking principal
with hinged lid



KMB – conical multi-use containers with hinged flap-lid

Item	Internal dim. when stacked L x W x useable H (mm)	External dim. with anti-lifting device (mm)	Exterior dim. at base L x W (mm)	Incl. the following accessories	Capacity ¹⁾ (litre)	Base	Order no.
KMB-DH 422	315 x 235 x 213	409 x 299	320 x 240	1 x KMB-DH43, 4 x KMB-DS**			75534
KMB-DH 617	500 x 330 x 162	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**			75384
KMB-DH 617 VB01	500 x 330 x 162	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**		VB	75414
KMB-DH 622	500 x 330 x 212	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**			75564
KMB-DH 622 VB01	500 x 330 x 212	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**		VB	75594
KMB-DH 627	500 x 330 x 262	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**			75444
KMB-DH 627 VB01	500 x 330 x 262	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**		VB	75474
KMB-DH 627 VS01	500 x 330 x 243	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**		VS	74994
KMB-DH 632	500 x 330 x 312	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**			75624
KMB-DH 632 VB01	500 x 330 x 312	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**		VB	75654
KMB-DH 642	500 x 330 x 412	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**			75944
KMB-DH 642 VB01	500 x 330 x 412	609 x 399	505 x 335	1 x KMB-DH64, 6 x KMB-DS**		VB	75974
KMB-DH 832	700 x 330 x 312	809 x 399	705 x 335	1 x KMB-DH84, 10 x KMB-DS**			75684



¹⁾ as table on page A67

* Height for VB01 model

** Flap-lid KMB-DH and hinged parts KMB-DS



Smooth



Reinforced base



Vibration welding base (VS01 base)



Sealing option

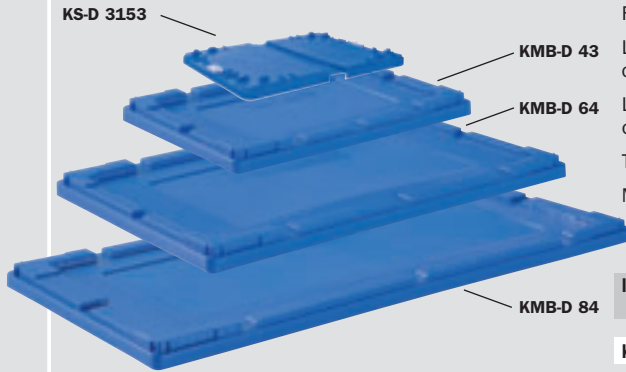


Lids tight fitting when turned out



Banding grooves

Accessories for KMB



KS-D 3153

KMB-D 43

KMB-D 64

KMB-D 84

Slip lid

For KMB and KMB-B series.

Lid collar all the way around the container and banding option. The containers can still be stacked even with the lid.

Loose lids can be stacked inside one another to save space. Available with or without optional seal opening.

The roughened middle area simplifies label handling.

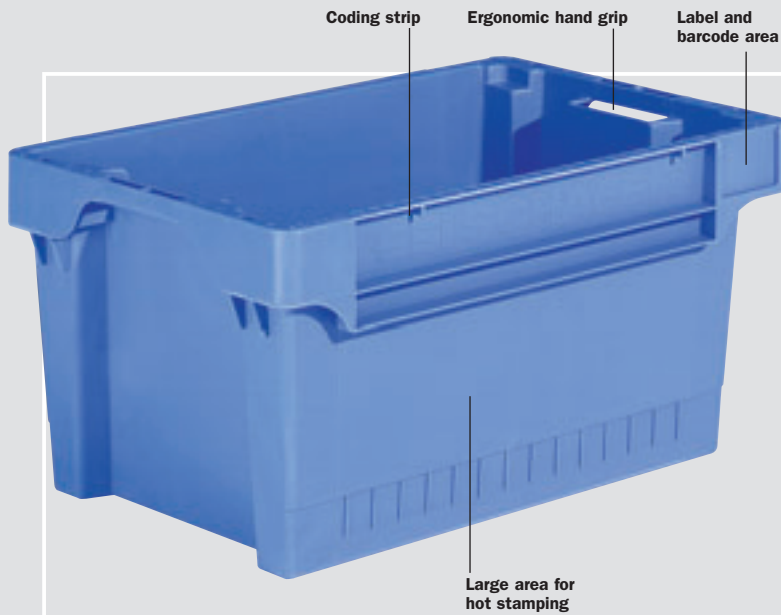
Material: Polypropylene.

Item	For base dim. L x W (mm)	Finish	Order no.
KS-D 3153	300 x 200	with film hinge and snap-hook, foldable	16484
KMB-D 43	400 x 300		75344
KMB-D 64	600 x 400		75354
KMB-D 84	800 x 400		75334





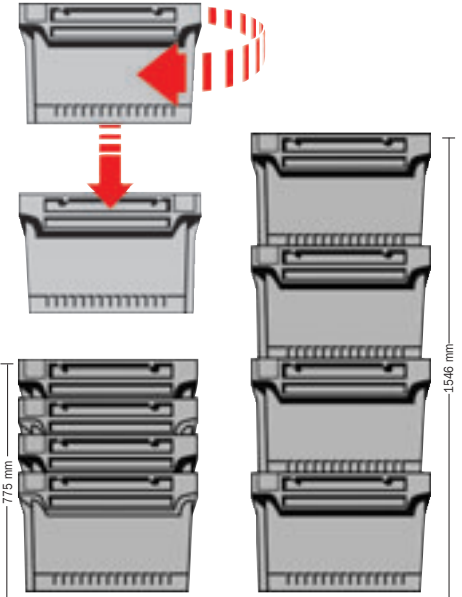
Stack and nest containers



RED GREEN YELLOW BLUE



- ▶ A “stack and nest” container means that: when empty, the containers may be nested inside one another, but when full, they can be turned through 180° and stacked on top of each other even without lids
- ▶ **Enormous storage space saving** without surplus stock and transport of empty containers



The different models can be stacked together

Euro-Fix-Boxes EFB



Euro-Fix-Boxes

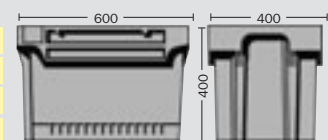
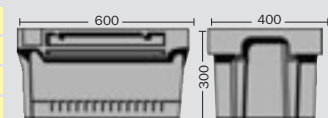
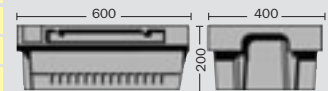
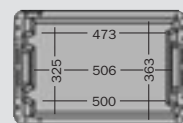
Made from polypropylene with Euro dimensions
(base dimension L 600 x W 400 mm).
The three heights can be stacked together.

Excellent qualities of the Euro-Fix-Box make it ideal
for use on conveyors and as an environmentally
friendly order-picking and transport container.

Item	Useable internal dim. top/bottom L x W x H (mm) when stacked	Capacity (litre)	Base	Walls	Order no.			
Height 200 mm								
EFB 642	506/500/473 x 363/325 x 175	36,0			25801	25802	25803	25804
EFB-L 642	506/500/473 x 363/325 x 175	36,0			25911	25912	25913	25914
EFB-B 642	506/500/473 x 363/325 x 175	36,0			25941	25942	25943	25944
EFB-LB 642	506/500/473 x 363/325 x 175	36,0			25971	25972	25973	25974
Height 300 mm								
EFB 643	506/500/473 x 363/325 x 275	54,0			25831	25832	25833	25834
EFB-L 643	506/500/473 x 363/325 x 275	54,0			25921	25922	25923	25924
EFB-B 643	506/500/473 x 363/325 x 275	54,0			25951	25952	25953	25954
EFB-LB 643	506/500/473 x 363/325 x 275	54,0			25981	25982	25983	25984
Height 400 mm								
EFB 644	506/500/473 x 363/325 x 375	72,0			25861	25862	25863	25864
EFB-L 644	506/500/473 x 363/325 x 375	72,0			25931	25932	25933	25934
EFB-B 644	506/500/473 x 363/325 x 375	72,0			25961	25962	25963	25964
EFB-LB 644	506/500/473 x 363/325 x 375	72,0			25991	25992	25993	25994

 Closed

 Perforated

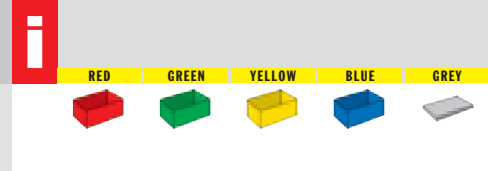


Lid

With external open hand grip (no volume loss). Compatible with all types. Space
saving stackable. Stacking lugs ensure stability of stacked boxes. Banding
grooves for secure banding of stapled boxes.

Item	Order no.
	   
EFB-D	25891 25892 25893 25894





Fix-Boxes FB



Fix-Box FB 600

Polyethylene. Capable of carrying heavy loads, sturdy, with hand grips in the strong rims. Transport container for rail and road. Can be stacked when closed.

External dimensions: L 600 x W 400 x H 250 mm

Item	Useable internal dim. L x W x H (mm) top/bottom	Capacity (litre)	Order no.			
FB 600	550/500 x 360/325 x 247	40	8351	8352	8353	8354

Lid for Fix-Box FB 600

Item	Finish	Order no.			
FB-D 600	with stacking corners	8361	8362	8363	8364



Fix-Box 603

Polypropylene, with open hand grips at the front ends, without lid.

External dimensions: L 597 x W 397 x H 300 mm

Item	Useable internal dim. L x W x H (mm) top/bottom	Capacity (litre)	Order no.			
FB 603	565/530 x 364/334 x 297	57	12481	12482	12483	12484



Fix-Box 604

Polypropylene. This model is also compatible with Euro-pallet dimensions of 1200 x 800 mm. Open hand grips on both front sides for easy handling. Can be stacked even with lid.

External dimensions: L 600 x W 400 x H 350 mm

Item	Useable internal dim. L x W x H (mm) top/bottom	Capacity (litre)	Order no.			
FB 604	530/475 x 350/306 x 347	62	8381	8382	8383	8384

Lid for Fix-Box FB 604

Item	Finish	Order no.			
FB-D 604	with stacking corners	15051	15052	15053	15054



Fix-Boxes FB

Fix-Box FB 530

Polypropylene. With shell hand grips. Suitable for Euro-pallets.
External dimensions: L 540 x W 320 x H 170 mm



Item	Useable internal dim. L x W x H (mm) top/bottom	Capacity (litre)	Order no.
			   
FB 530	420/425 x 275/255 x 167	17	12471 12472 12473 12474

Fix-Box FB 601

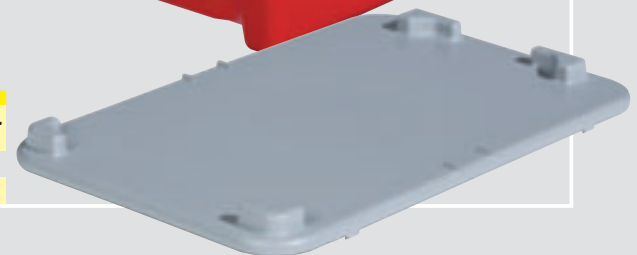
Polypropylene. With shell hand grips at the front ends integrated into the stacking rim. Suitable for stacking rims.
External dimensions, top: L 585 x W 375 x H 200 mm



Item	Useable internal dim. L x W x H (mm) top/bottom	Capacity (litre)	Order no.
			   
FB 601	490/420 x 330/300 x 197	30	8441 8442 8443 8444

Lid for Fix-Box FB 601

Item	Finish	Order no.
		
FB-D 601	with stacking corners	20905

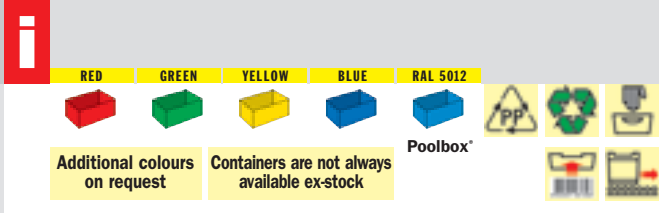


Fix-Box FB 650

Polyethylene. Specially designed for the transport of large, relatively light items.
External dimensions, top: L 650 x W 500 x H 150 mm



Item	Useable internal dim. L x W x H (mm) top/bottom	Capacity (litre)	Order no.
			   
FB 650	600/540 x 450/430 x 147	40	12461 12462 12463 12464



Conical transport and order-picking container, Poolbox®



KS 18

Polypropylene, with label area 110 x 60 mm on both edges for coding and labeling, smooth internal walls.

External dimensions top/bottom: L 775/655 x W 535/415 x H 315 mm

Item	Useable internal dim. L x W x H (mm) top/bottom	Capacity (litre)	Order no.
KS 18	720/640 x 480/400 x 310	90,0	15171 15172 15173 15174

Lid for KS 18

Item	Finish	Order no.
KS-D 18		15291 15292 15293 15294
KS-D 18 V2	with groove for KS 51/KS 52	15271 15272 15273 15274



KS 51/KS 52

Polypropylene, for use on roller and belt conveyors, for order-picking, transport and shipping. Option to store coded labels on the edge and on the side walls close to the base. The containers can be stacked with lid and banding and can be banded together when stacked. Also with code inserts and strips. Standard version without coding facility. Colours on request.

KS 51 External dimensions: L 500/435 x W 360/275 x H 123 mm

KS 52 External dimensions: L 500/440 x W 360/275 x H 253 mm

Item	Useable internal dim. L x W x H (mm) top/bottom	Capacity (litre)	Order no.
KS 51	460/429 x 320/269 x 120	15,0	21101 21102 21103 21104
KS 52	465/435 x 320/269 x 250	32,0	21121 21122 21123 21124

Lid for KS 51/KS 52

Item	Finish	Order no.
KS-D 51	no hook	15921 15922 15923 15924
KS-DH 51	with hook	21111 21112 21113 21114
KS-DH 52	with hook	21131 21132 21133 21134



Poolbox®

Polypropylene. Conical transport container, with lockable lid, can be used on conveyors in any form. Dust and spray-water sealed, secure handling due to ergonomically designed hand grips, sealable. Lids have an area which enables labels and paperwork holders to be easily stuck down or removed. Dimensions are compatible with Euro pallet dimensions.

Colour: Blue (RAL 5012), different colours on request.

External dimensions: L 600 x W 400 x H 320 mm

Item	Internal base dim. L x W (mm)	Capacity (litre)	Order no.
PB 6320	457 x 318	approx. 49,0	844

Lid for Poolbox®

Lid with external open hand grip (no volume loss).

Colour: Blue (RAL 5012), different colours on request.

Item	Finish	Order no.
PB-D 64	can be sealed	874

Identification options for boxes and containers

All of the containers may be stamped with numbers, codes or your company name and logo – an individual service from SSI SCHAEFER.

Hot stamping

With standard letters (10 or 24 mm high) or your company logo. In addition, the containers can have up to 6 digit numbers in 11, 19 or 30 mm height.

Please request further information on minimum quantities and prices for containers for hot stamping.



Die-forming

With stamping tools, the company name or logo can be incorporated within the container as it is being produced. Only available in container colour.

Please request further information on minimum quantities and prices for containers for mould stamping.



Silk screen printing

Silk screen printing is another way in which containers can be identified with their company name or logo.

Please request further information on minimum quantities and prices for containers with screen stamping.



Individual and special solutions made from plastic

Special applications demand the use of special plastic containers. SSI SCHAEFER has developed and customised a wide range of special containers according to customer requirements.

If you need a special container to suit your needs, our development team would be pleased to help you find the perfect solution.



Further information

on request

Stack and nest containers – KS 1, KS 8, KS 10, KS 16 and KS 17 series



Conical transport and order picking containers – KS 5, KS 9 and KS 43 series



Conical transport and order picking containers – KS 6100 and KS 6200 series



Stackable and conical transport containers, special containers and folding containers

Conical order picking and stepped containers – KS 4217, KS 6217 and Konfix KF series



Conical containers with bail arm – Konfix KFB series



Conical containers with bail arm – 4245, KS 5245 and KS 6245 series



Special containers – KS, 14/6 R and FK series



Special containers – KS 12, KS 14, KS 19 series



Special containers – SK 180 and SK 200 series



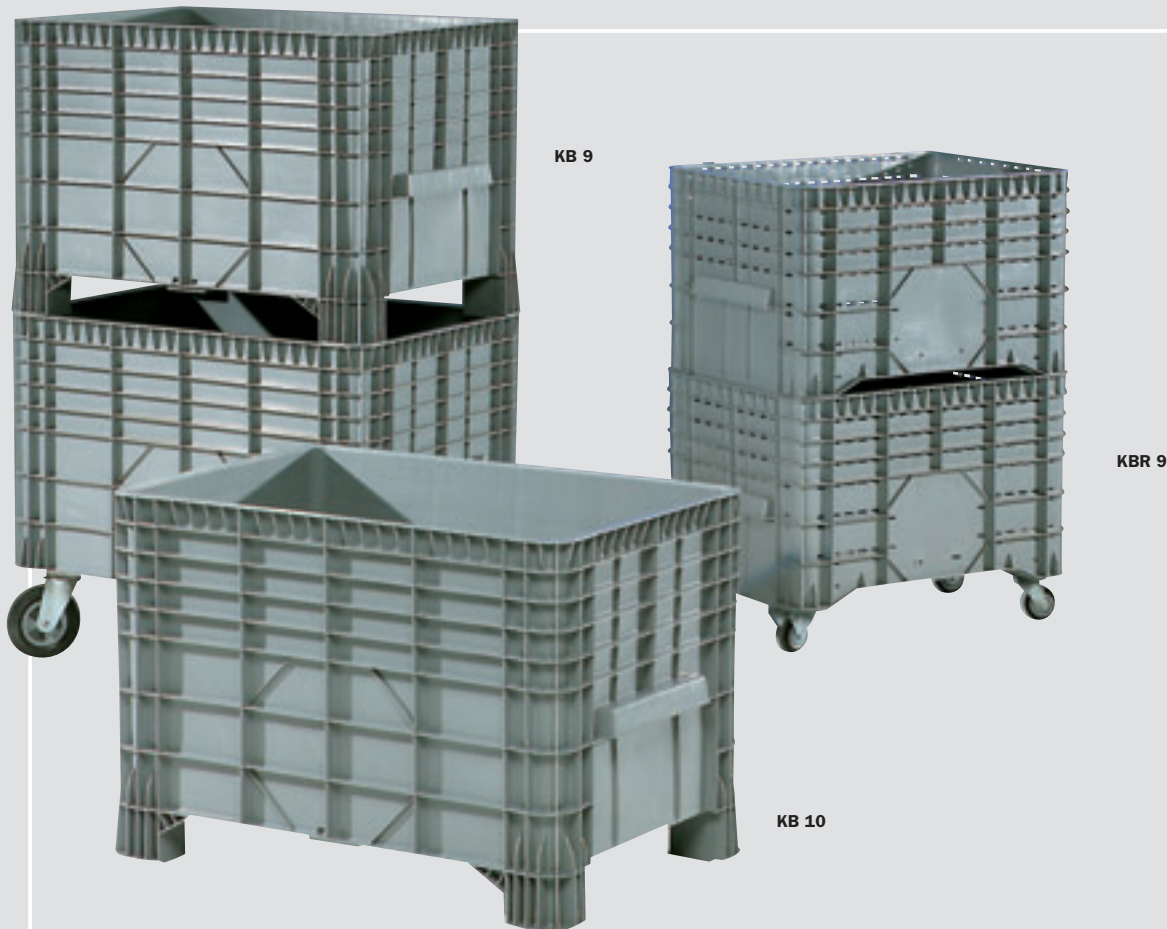
Special containers – FK box series





- **Robust and stable design**
- **Smooth internal walls**
for easy cleaning

Bulk containers



Bulk containers KB, KBR and KBF

Moulded form made from solid polyethylene. Completely smooth interior surfaces. The containers can be stacked on top of one another. The containers are stackable with specially designed feet to prevent slipping. The sturdy base is raised to provide access for fork-lift trucks – also available with castors.

Standard colour: grey.

These large containers are ideal for textile companies, laundries, dry cleaning companies, the food industry and wholesalers.

KBF 9

Solid sides and base, with 4 feet 80 mm high for access on fork lift trucks.

External dim.: L 1000 x W 630 x H 660 mm
Internal dim.: L 925 x W 570 x H 505 mm
Capacity: 280 l
Individual load: 300 kg
Load when stacked: 1500 kg

Item	Order no.
KBF 9	16810
KBD 9	16690

KB 9

The upper third of the side panels and the base are perforated. Standing base.

External dim.: L 1000 x W 630 x H 580 mm
Internal dim.: L 930 x W 580 x H 505 mm
Capacity: 290 l
Individual load: 300 kg
Load when stacked: 1500 kg

Item	Order no.
KB 9	16680
KBD 9	16690

KB 10

Solid base and sides. Pallet-like bottom section. Fork lift access of 100 mm high, 550 x 480 mm wide.

External dim.: L 1200 x W 800 x H 805 mm
Internal dim.: L 1100 x W 730 x H 645 mm
Capacity: 525 l
Individual load: 500 kg
Load when stacked: 2500 kg

Item	Order no.
KB 10	1480
KBD 10	1500

KBR 9

Perforated base and upper third of the side panels, 2 swivel rubber and 2 fixed rubber castors Ø 100 mm.

External dim.: L 1000 x W 630 x H 700 mm
Internal dim.: L 930 x W 580 x H 505 mm
Capacity: 290 l
Individual load: 300 kg
Load when stacked: 1500 kg

Item	Order no.
KBR 9	16700
KBD 9	16690

KBR 10

As KB 10, but with 4 swivel castors Ø 125 mm, fixed rubber castors.

External dim.: L 1200 x W 800 x H 815 mm
Internal dim.: L 1100 x W 730 x H 645 mm
Capacity: 525 l
Individual load: 500 kg
Load when stacked: 2500 kg

Item	Order no.
KBR 10	1490
KBD 10	1500



- **Robust and stable design**
- **Smooth internal walls**
for easy cleaning

Foldable bulk containers and plastic pallets

FKB foldable bulk containers

Lightweight, secure, stable, stackable, with large drop gate and space-saving turn/push lid. Environmentally-friendly container in Euro dimensions, can be folded to a third of the size for return trip and storage, can be picked up using a forklift from any side. Drop gate for easy loading and unloading, individual parts easy to replace, but are secured tightly for return transport. On request, can also be locked and sealed to protect against theft.

The container is the ideal design for transporting small parts. Use as a bulk material container is also possible, but this is dependent on the density of the bulk material. Suitability for specific applications should be checked by the user.

FKB 12:

External dimensions when folded: L 1200 x W 800 x H 330 mm

Empty weight: 40 kg

Max. payload: 500 kg

Material: Polypropylene, grey

FKB 08:

External dimensions when folded up: L 800 x W 600 x H 387 mm

Empty weight: Approx. 25 kg

Max. payload: 300 kg

Material: Black polyethylene, grey polypropylene

Other accessories available on request.

Item	External dim. L x W x H (mm)	Internal dim. L x W x H (mm)	Capacity (litre)	Order no.
FKB 12	1200 x 800 x 1022	1140 x 740 x 820	approx. 700	16595
FKB 08	800 x 600 x 1022	740 x 540 x 820	approx. 330	16495



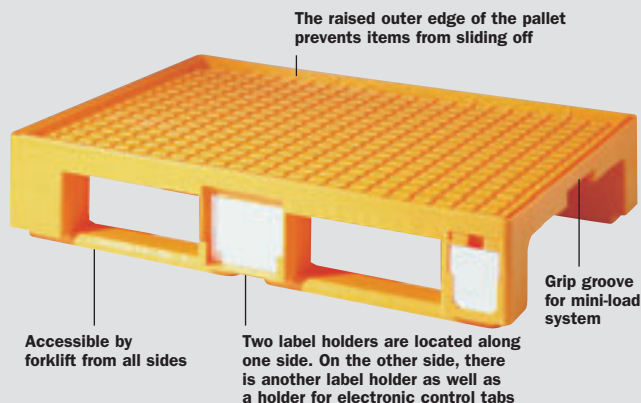
Pallet LTS-P 815

These polypropylene pallets are ideally suited for carrying heavy loads. The stacked pallets can be handled by manual or automated aisle stacker crane with telescope or fixed forks. The LTS pallet can be used in combination with MF, LTF, LTS, KLT and Euro-Fix containers. Pallets can be easily stacked when empty or full.

Longitudinal runners on the base make the LTS pallet ideal for use with roller tracks, link conveyors, lifting platforms etc.

Material: Polypropylene, yellow

Item	External dim. L x W x H (mm)	Load (kg)	Order no.
LTS-P 815	800 x 600 x 150	250	37200



Plastic pallets

With 3 lengthwise skids, compatible with plastic containers in Euro dimensions.

Low weight and low structural height makes these pallets suitable for multi-way transport.

Load: dynamic 1000 kg, static 4000 kg

Material: Recycled PE, black

Shelf-compatible and conductive (ESD) models on request.

Item	External dim. L x W x H (mm)	Weight (kg)	Order no.
PK 1208	1200 x 800 x 145	12,5	16578
PK 1210	1200 x 1000 x 145	15,0	16588



Hazardous goods containers

Containers permitted and certified for dangerous good transport

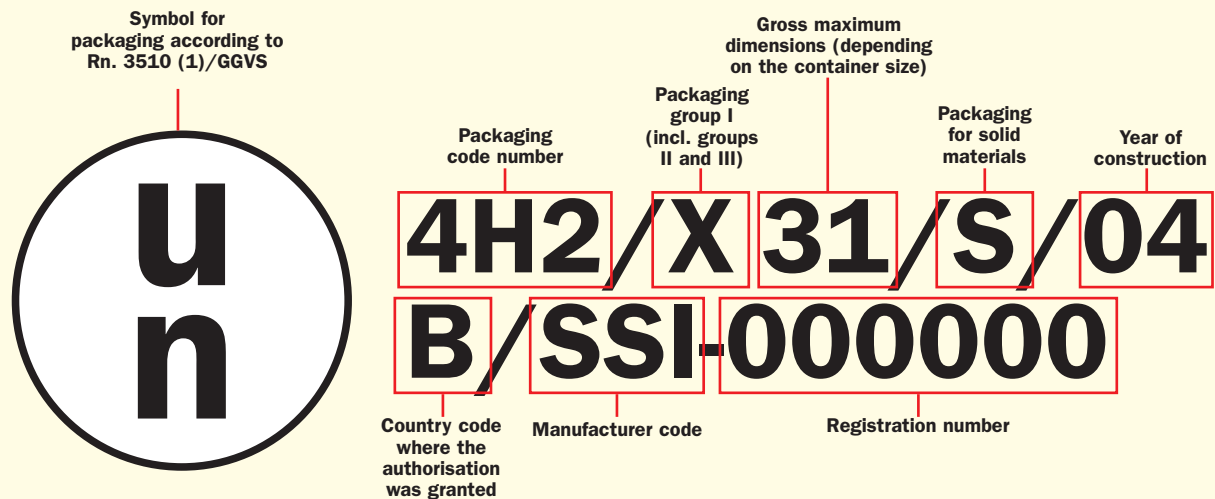
These hazardous goods containers have been tested and approved by the Belgian Packaging Institute in accordance with the GGSVE/ADR regulations on the transport of hazardous goods, as external packaging for hazardous goods, in packaging groups I, II and III (only in combination with lid and banding and/or with a strap or retaining springs integrated into the lid).

They conform to the recommendations from the United Nations (UN), the Ordinance for the International Railway Transportation of Hazardous Goods (RID), the International Agreement on Sea Transportation (IMDG code) and the European Agreement on the International Transport of Hazardous Good by Road (ADR Agreement).

They also conform to the international hazardous goods regulations for road (GGVS), rail (GGVE) and sea (GGV Sea) and are certified accordingly.

On request we develop and manufacture cost-effective hazardous goods containers to special dimensions according to your individual requirements.

Please contact our technical adviser.



When ordering, please specify that you require the relevant certification for the containers.



Hazardous goods heavy load containers



Bulk hazardous goods carriers are used to transport and store explosive substances. They are used for safety devices and human restraint systems in vehicles, for example.

It goes without saying that SSI SCHAEFER bulk hazardous goods carriers meet all the applicable regulations of all laws pertaining to the transport of hazardous goods. They have passed drop testing and fire testing by recognised test institutes and are certified according to the German regulations on the transport of hazardous goods via road or rail.



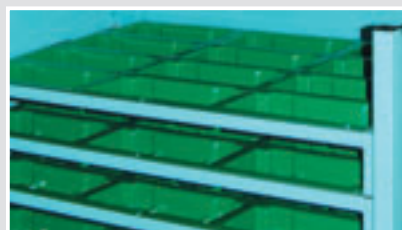
i Request our “Automotive carriers” brochure



Locking mechanism



Gas spring for lid retention



Deep drawer inserts for individual parts storage

Stacking containers – order and efficiency

Pallet and container systems from SSI SCHAEFER are the economical solution, whether in the production plant, shipping stores, or for in-plant or external transportation. Our watchwords are: Maximum use of storage space, compressed clear visible stacking and time-saving movement at minimum expense.

SSI SCHAEFER is your reliable partner to help you solve your problems of material management

On request we are able to develop and manufacture steel containers in special sizes at a reasonable cost to suit your individual requirements. Please contact our technical adviser.



i Request our
“Automotive carriers” brochure

► **Sheet steel**

for transporting and storing heavy goods, e. g. solid materials, castings and forgings

► **High loading capacity**

thanks to the corner angle sections and strong steel pressed sides

► **Strong base**► **Secure stacking**

thanks to reinforced feet and strong lifting and stacking corners

► **Customised dimensions on request**

Transport and stacking containers

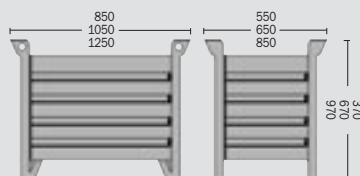


Transport and stacking containers

Transport and stacking containers with fixed sides or flaps. Strong pressed steel sides with angle-section posts guarantee high load capacity with low weight. Reinforced feet and strong lifting and stacking corners ensure reliable stacking.

Base thickness: 2 mm

Forklift ground clearance: 105 mm



Item	Nominal measurements L x W x H (mm)	Exterior dim. L x W x H (mm)	Drive-in width (mm)	Wall- thickness (mm)	Angle- thickness (mm)	Load (kg)	Stack load	Order no.	Item	Order no.
1289 K-I*	1200 x 800 x 905	1250 x 850 x 970	950 x 700	2,0	50 x 50 x 5	1500	x 5	8570	1289 K-v	8580
1286 K-I*	1200 x 800 x 605	1250 x 850 x 670	950 x 700	2,0	50 x 50 x 5	1500	x 5	8590	1286 K-v	8600
1286-I**	1200 x 800 x 605	1250 x 850 x 670	950 x 700	2,0	50 x 50 x 5	1500	x 6	8610	1286-v	8620
866 K-I*	800 x 600 x 605	850 x 650 x 670	640 x 500	1,25	45 x 45 x 4	800	x 5	8630	866 K-v	8640
866-I**	800 x 600 x 605	850 x 650 x 670	640 x 500	1,25	45 x 45 x 4	800	x 6	8650	866-v	8660
189 K-I*	1000 x 800 x 905	1050 x 850 x 970	750 x 700	2,0	50 x 50 x 5	1500	x 5	8450	189 K-v	8460
186 K-I*	1000 x 800 x 605	1050 x 850 x 670	750 x 700	2,0	50 x 50 x 5	1500	x 5	8470	186 K-v	8480
186-I**	1000 x 800 x 605	1050 x 850 x 670	750 x 700	2,0	50 x 50 x 5	1500	x 6	8490	186-v	8500
856 K-I*	800 x 500 x 605	850 x 550 x 670	640 x 400	1,25	45 x 45 x 4	800	x 5	8510	856 K-v	8520
856-I**	800 x 500 x 605	850 x 550 x 670	640 x 400	1,25	45 x 45 x 4	800	x 6	8530	856-v	8540
853-I**	800 x 500 x 305	850 x 550 x 370	710 x 410	1,25	45 x 45 x 4	500	x 10	8550	853-v	8560

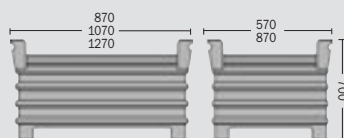
* with flap, ** fixed sides

Transport and stacking containers

Transport and stacking containers for all heavy goods, solid materials, castings and forgings. The sidewalls are formed into tubular sections at the top edge with rib-type reinforcement. Continuous ribbing, strong base, stable feet and particularly strong lifting corners with crane lugs are also a feature.

Base thickness: 2 mm

Forklift ground clearance: 100 mm



Item	Nominal measurements L x W x H (mm)	Exterior dim. L x W x H (mm)	Drive-in width (mm)	Wall- thickness (mm)	Angle- thickness (mm)	Load (kg)	Stack load	Order no.	Item	Order no.
S 1286-I	1200 x 800 x 500	1270 x 870 x 700	1000 x 600	2,0	2,0	2000	x 6	8670	S 1286-v	8680
S 1086-I	1000 x 800 x 500	1070 x 870 x 700	800 x 600	2,0	2,0	2000	x 6	8690	S 1086-v	8700
S 856-I	800 x 500 x 500	870 x 570 x 700	600 x 300	1,25	2,0	1000	x 4	8710	S 856-v	8720

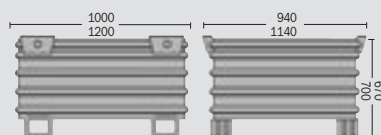
Stacking container SG

Robust, sturdy containers with fork pockets and extra wide corner lifting lugs.

A mesh type is also available for holding hot components.

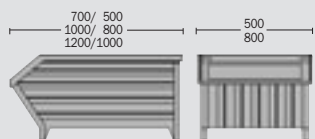
Base thickness: 2 mm

Forklift ground clearance: 150 mm (SG 1216-I+v and SG 1286-I+v), 120 mm (SG 1086-I+v)



Item	Nominal measurements L x W x H (mm)	Exterior dim. L x W x H (mm)	Drive-in width (mm)	Wall- thickness (mm)	Angle- thickness (mm)	Load (kg)	Stack load	Order no.	Item	Order no.
SG 1216-I	1200 x 1000 x 650	1200 x 1140 x 700	850	2,0	3,0	2000	x 5	8730	SG 1216-v	8740
SG 1286-I	1200 x 800 x 650	1200 x 940 x 700	850	2,0	3,0	2000	x 5	8750	SG 1286-v	8760
SG 1086-I	1000 x 800 x 620	1000 x 940 x 670	750	1,75	2,0	2000	x 5	8770	SG 1086-v	8780

Lager-Fix containers, mesh box pallets

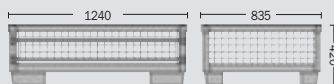
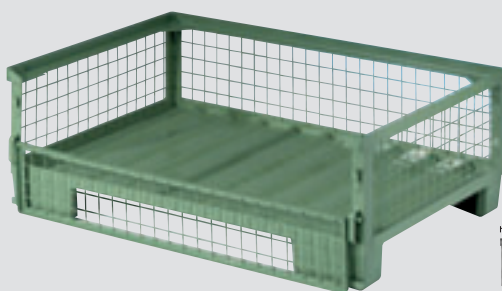


Lager-Fix containers

The design and shape of this type of container corresponds to the other Lager-Fix containers. A particular advantage is the large viewing and access opening which is still exposed even when stacked. This is why these containers are also used to convey materials to the production line.

The stacking rim on the three sides enables up to 6 units to be safely stacked. Mixed stacking of different sizes is possible. The corner angle sections and strong pressed steel sides guarantee high load bearing capacity. Base thickness 2 mm, forklift ground clearance 100 mm.

Item	Nominal measurements L x W x H (mm)	Exterior dim. L x W x H (mm)	Drive-in width (mm)	Wall- thickness (mm)	Load (kg)	Stack load	Order no.	Item	Order no.
14/7-0a-I	700/ 500 x 800 x 600	800 x 600 x 600	300 x 710	1,25	800	x 5	8790	14/7-0a-v	8800
14/7-0b-I	1000/ 800 x 500 x 600	500 x 600 x 600	610 x 410	1,25	800	x 5	8810	14/7-0b-v	8820
14/7-01-I	1200/1000 x 800 x 600	800 x 600 x 600	810 x 700	2,0	1000	x 6	8830	14/7-01-v	8840

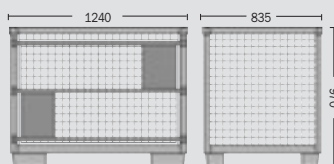


Mesh box pallet, half height

This can be stacked with the European exchange pallet according to DIN 15 155 standards.

Contained load capacity 1000 kg, 5 loaded pallets can be stacked. The feet and stacking frame are in accordance with the exchange pallet DIN 15 155 standards. One sidewall can be folded down completely and the base can be either ribbed steel or wood as required.

Item	Nominal measurements L x W x H (mm)	Exterior dim. L x W x H (mm)	Drive-in width (mm)	Load (kg)	Stack load	Base finish	Order no.	Item	Order no.
G 1284 H-I	1240 x 835 x 420	1240 x 835 x 420	760 x 590	1000	x 5	wood	9140	G 1284 H-v	9160
G 1284 S-I	1240 x 835 x 420	1240 x 835 x 420	610 x 410	1000	x 5	sheet steel	9150	G 1284 S-v	9170



Mesh box pallet

European exchange pallet (acc. to DIN 15 155). The frame consists of angle steel section (DIN 1029) and the sides are of electrically-welded 50 x 50 x 4.6 mm structural steel mesh. All intersections are spot welded. The top half of one side is a hinged loading flap which rotates through 180° around a welded bar and is secured to the corner posts by spring-loaded catches.

Different colours are available on request.

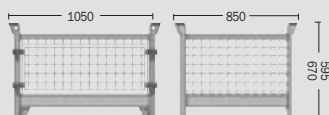
Item	Nominal measurements L x W x H (mm)	Exterior dim. L x W x H (mm)	Volume (m³)	Lift- height (mm)	Angle- thickness (mm)	Load (kg)	Stack load	Order no.
GB 1288	1200 x 800 x 800	1240 x 835 x 970	0,75	100	60 x 40 x 5	900	x 5	9010

Mesh containers, post pallets, flat steel pallets

Mesh pallets

Angle-steel framework. Welded structural steel mesh sides 50 x 50 x 4.6 mm. All intersections are spot welded. The base is available either as galvanised steel sheet or in 25 mm strong wooden boards. Forklift ground clearance 100 mm, forklift entry width 750 mm, angle section sides 40/40/4. Contained load capacity 1000 kg. Six loaded pallets can be stacked.

Also available with base dimensions 1200 x 800 mm and also with Pool mesh box feet for order quantities in excess of 100 units.

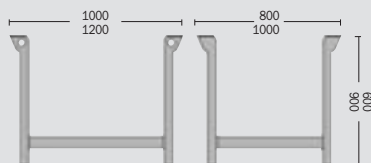


Item	Nominal measurements L x W x H (mm)	Exterior dim. L x W x H (mm)	Finish	Order no.	Item	Order no.
G 185 H-I	1000 x 800 x 525	1050 x 850 x 595	removable side walls/wood base	8890	G 185 H-v	8900
G 185 S-I	1000 x 800 x 525	1050 x 850 x 595	removable side walls/sheet steel base	8910	G 185 S-v	8920
G 186 H-I	1000 x 800 x 600	1050 x 850 x 670	fixed walls/wood base	8930	G 186 H-v	8940
G 186 S-I	1000 x 800 x 600	1050 x 850 x 670	fixed walls/sheet steel base	8950	G 186 S-v	8960
G 186 KH-I	1000 x 800 x 600	1050 x 850 x 670	semi-folding side wall/wood base	8970	G 186 KH-v	8980
G 186 KS-I	1000 x 800 x 600	1050 x 850 x 670	semi-folding side wall/sheet steel base	8990	G 186 KS-v	9000

Post pallets

Large production and assembly components which exceed a fixed container volume can be openly stored and easily transported. Holders made from 50 x 50 x 3 mm rectangular tubing with welded stacking corners. The base frame is made from U 80 profile.

The base is strongly reinforced by ribbing.

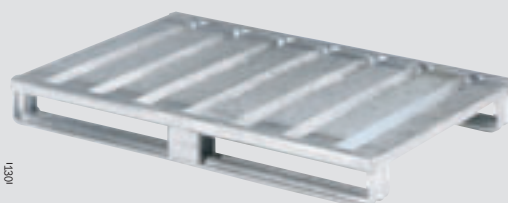


Item	Nominal measurements L x W x H (mm)	Lift- height (mm)	Load (kg)	Stack load	Order no.
R 1086	1000 x 800 x 600	100	1000	x 4	9180
R 1286	1200 x 800 x 600	100	1000	x 4	9200
R 1216	1200 x 1000 x 600	100	1000	x 4	9220
R 1089	1000 x 800 x 900	100	1000	x 3	9240
R 1289	1200 x 800 x 900	100	1000	x 3	9260
R 1219	1200 x 1000 x 900	100	1000	x 3	9280

Flat steel pallets

The 4-way-pallet consists of a strong ribbed base with 2 or 3 pressed steel skids securely supported by box profiles.

Varied stacking with flat skids.



Item	Nominal measurements L x W x H (mm)	Exterior dim. L x W x H (mm)	Load (kg)	Skid- quantity	Order no.	Item	Order no.
SP 1210 F-I	1200 x 1000 x 130	1200 x 1000 x 130	2000	3	9040	SP 1210 F-v	9050
SP 1282 F-I	1200 x 800 x 130	1200 x 800 x 130	1500	2	9060	SP 1282 F-v	9070
SP 1283 F-I	1200 x 800 x 130	1200 x 800 x 130	2500	3	9080	SP 1283 F-v	9090
SP 1080 F-I	1000 x 800 x 130	1000 x 800 x 130	1500	2	9100	SP 1080 F-v	9110
SP 850 F-I	800 x 500 x 130	800 x 500 x 130	1500	2	9120	SP 850 F-v	9130

Individual and special solutions made from sheet steel

Extremely robust special pallets are used for the in-house movement and the automatic supply of steel sheet billets to presses. The load capacities are up to 5000 kg.

Here, too, SSI SCHAEFER is setting the standard: The advanced production technology permits the manufacture of these load carriers with the narrowest of manufacturing tolerances which are required by the automatic supply system.

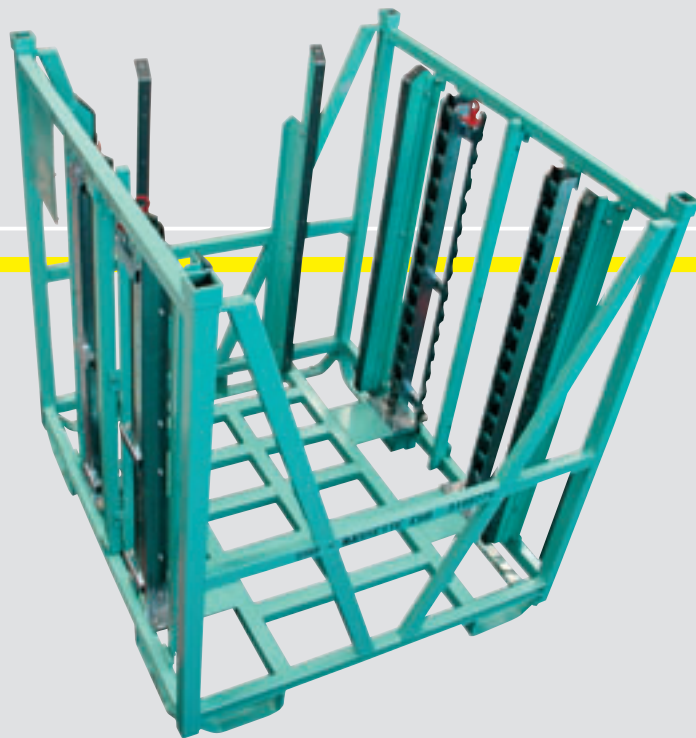
Large-volume bodywork parts are transported, stored and conveyed to the assembly belt using racks. Special frames are used when it comes to the transport and storage of sensitive components, such as engines and gear parts.



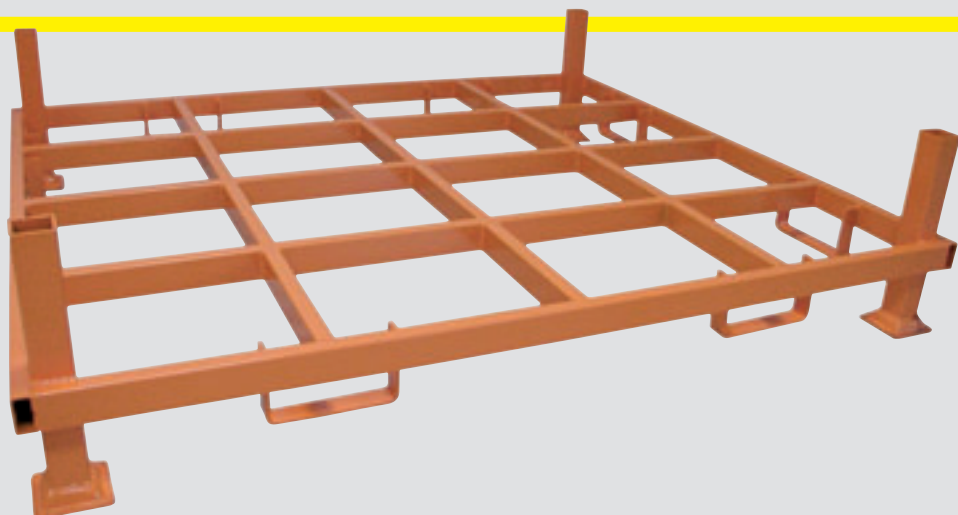
Further information

on request

Special frame



Transport frame



Racks, circuit board frame, special frame and transport frame

Standard racks



Circuit board pallets



Special frame for sliding cover storage

