WezSuisse
FORMING LOGISTIC SOLUTIONS

Systems for Storage and Production Facilities

printed in
switzerland

Imprint

WEZ Kunststoffwerk AG

A Scherer Group company

Let us show you that

«Pleasure in the job puts perfection in the work».

Aristoteles

We have been shaping logistics solutions for over 60 years. You can put your trust in our employees, who work enthusiastically, creatively and with typical Swiss precision every day to satisfy our customers.

In this catalogue, you will find over 1000 items that will help you arrange your processes or workplace organization more efficiently, more comfortably or simply just more safely or more reliably.

Let one of our sales specialists provide you with inspiration or our team of experienced engineers help design your customised load carriers in plastic. We develop and produce high-quality plastic load carriers, containers and accessories in Germany, Italy and Switzerland at our three production locations and our own toolmaking plant.

Management of stackable containers

Storage

- The stackable containers have a uniquely small taper of 2 mm which means there is optimal filling or utilisation of the storage space.
- The containers are suitable for manual or automated handling depending on the container type and the design of the base.
- The loading of the container depends on the design of the base and can be between 10 and 65 kg.
- To meet specific requirements for storage space, handling and transport, we recommend our customised solutions with perfectly matched dimensions and properties.

Transport equipment

- Perforated containers provide good ventilation or cooling.
- Closed containers protect the contents against dust and to some extent against spray or contamination.
- Ideal for bulk or packaged foodstuffs, semi-finished products in manufacturing plants, consignment of goods in e-commerce, storage of small parts and handling of textiles.
- RFID or barcode labelling, hot embossing or engraving identify your load carriers perfectly.

ESD protection

- Blackline and Newbox Black products offer ideal ESD protection.
- ESD protection is very important, particularly where there are seasonal variations and low humidity.
- Attention is increasingly being given to ESD protection when it comes to the service and maintenance of vehicles, plant and machinery.

Packaging

- There are always appropriate foam or deep-drawn inserts available for every case to give optimal protection.
- Ideal self-organisation.
- Missing parts are recognised immediately.
- Packaging cases for high-grade electrical and measuring equipment.
- Case systems can also be used, for example, to create ESD-compliant environments during service and maintenance.

Technical information

Cleaning

- Suitable for fully automated washing systems up to 120 °C.
- Resistant to ultrasound.
- Suitable for stationary units.
- Suitable for mobile units.
- Resistant to all common detergents.
- We will gladly send you recommendations from suppliers and service providers on request.

Recycling

- Polypropylene is completely recyclable.
- Within a specifically defined loop, recycling has no difficulty conforming to food regulations and is harmless.
- During re-granulation residues, labels or printing are removed completely in a reliably controlled process.
- The cost of recycling is comparable to that for new items or even cheaper depending on the price basis.

Customised solutions

- Do you have any specific requirements or would you like to equip your storage system with customised load carriers? We will gladly design this for you and implement the solution with the help of our own tool and die shop.
- All our products are UV-stable, antistatic and dirt-repellent.

Standardisation

- All stackable containers offered in this catalogue conform to the current requirements of REACH and RoHS.
- Blackline and Logiline containers conform to the SGL standard, which is now integrated in GS1.
- The Newbox and Newbox Black containers conform to the DIN standard or the so-called Euro standard.
- The DIN and SGL standards are not compatible.

Table of Contents

PCB HANDLING ESD

Our handling systems for printed circuit boards are particularly helpful when it comes to the reliable storage and transport of your electronic components. They help you keep your components safe and protect them against electrostatic discharge. Furthermore, in combination with Blackline stackable containers the four different printed circuit board systems also safeguard the contents against mechanical damage, contamination or moisture impact.

On the following page you will find an overview of our systems for printed circuit boards. Each has its own advantages and specific characteristics.

Special types

All non-stock items are marked thus 🔴 and available on request.

PCB Holder
- Suitable for 400×300 mm and 600×400 mm Blackline containers lengthwise and crosswise and for carrying handle for 9980.026.
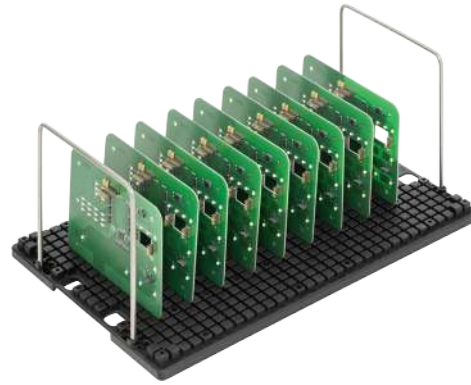
Printorama
- Suitable for 400×300 mm and 600×400 mm Blackline containers lengthwise and crosswise and for partitions lengthwise and crosswise.

- Height of slotted wall: 98 mm
- Individually adjustable to size of printed circuit board.

Rack-System 100
- Suitable for Blackline containers:
  200×300 mm lengthwise
  400×300 mm lengthwise and crosswise
  600×400 mm crosswise.

- Height of slotted wall: 80 mm
- Individually adjustable to size of printed circuit board.

Rack-System 180
- Suitable for 400×300 mm and 600×400 mm Blackline containers lengthwise and crosswise.

- Height of slotted wall: 180 mm
- Height of double-slotted wall: 345 mm
- Individually adjustable to size of printed circuit board.

PCB HOLDER
PCB handling PH

Printed circuit boards are kept securely in place in the PCB Holder (insertion plate) by the various location slots of every size. The printed circuit board holders provide safe and reliable transport and protection against electrostatic discharge for your goods when placed in a Blackline container.

Applications
The PCB Holder range is ideally suited for storing and transporting electrostatic printed circuit boards.

Tip
You will find the appropriate stackable containers in the Blackline section.

Special types
All non-stock items are marked thus 🔴 and available on request.
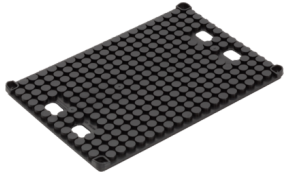
2535.000 PCB holder

Ext. dimensions: **357x257x14 mm**	No. per pack: 28 pcs
Weight: 0.42 kg	for container 400x300 mm
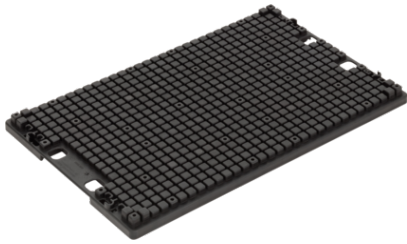
3555.000 PCB holder

Ext. dimensions: **557x357x22 mm**	No. per pack: 8 pcs
Weight: 1.62 kg	for container 600x400 mm
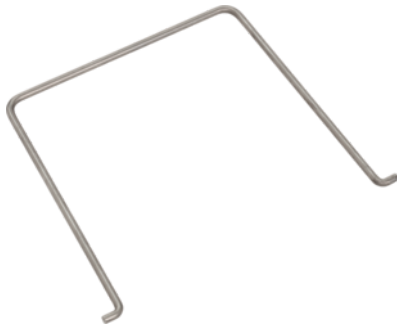
9980.026 Carrier

Ext. dimensions: **236x232 mm**	for PCB holder 3555
Material: Metal	Ø 7 mm

PRINTORAMA
PCB handling PA

The versatile Printorama system offers you special support during the manufacturing, storage and transport of printed circuit boards. With three finely adjustable slotted-wall elements, it is extremely flexible, can be customised and can meet every challenge. It is adaptable to your printed circuit boards whatever the size, is very easy to assemble and the system guarantees safe transport with ESD protection.

Slot dimensions
Division   =   5.06 mm
Width   =   2.50 mm
Depth   =   3.00 mm

Printorama-Finder
With our Printorama Finder you can simply and easily find the right Printorama-configuration for the insertion dimension of your printed circuit boards! To do so, visit us at www.wez.ch.

Applications
The Printorama range is extremely well-suited for the storage and transport of electrostatic printed circuit boards.

Tip
You will find suitable stackable containers in the Blackline section.

Special types
All non-stock items are marked thus 🔴 and available on request.

4304.700 Extension frame

Ext. dimensions: **400x300x44 mm**	raises the useable height by 44 mm
Weight: 0.36 kg	for container 400x300 mm
No. per pack: 34 pcs	

6404.700 Extension frame

Ext. dimensions: **600x400x44 mm**	raises the useable height by 44 mm
Weight: 0.45 kg	for container 600x400 mm
No. per pallet: 140 pcs	

4310.100 Printorama Secondo

Ext. dimensions: **335x235x98 mm**	fitted in a container
Weight: 0.95 kg	for container 400x300 mm
No. per pack: 1 pcs	

6410.100 Printorama Secondo

Ext. dimensions: **535x335x98 mm**	fitted in a container
Weight: 1.53 kg	for container 600x400 mm
No. per pack: 1 pcs	

4310.101 Printorama Secondo SET

Ext. dimensions: **335x235x98 mm**	2 each dividers 400&300 mm
Weight: 0.95 kg	and 4 Secondo profiles
No. per pack: 5 pcs	incl. assembly instructions

6410.101 Printorama Secondo SET

Ext. dimensions: **535x335x98 mm**	2 each dividers 600&400 mm
Weight: 1.53 kg	and 4 Secondo profiles
No. per pack: 5 pcs	incl. assembly instructions

2310.120 Partition 300 T5.08 (-)

Ext. dimensions: **235x10x100 mm**	loose un-assembled
Weight: 0.12 kg	suitable for containers from H=130
No. per pack: 120 pcs	

3310.120 Partition 400 T5.08 (-)

Ext. dimensions: **335x10x100 mm**	loose un-assembled
Weight: 0.18 kg	suitable for containers from H=130
No. per pack: 86 pcs	

2310.110 Partition 300 T5.08 (+)

Ext. dimensions: **235x10x100 mm**	loose un-assembled
Weight: 0.12 kg	suitable for containers from H=130
No. per pack: 120 pcs	
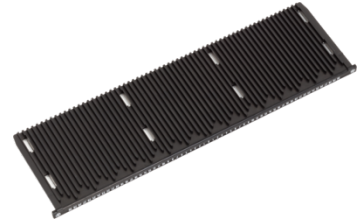
3310.110 Partition 400 T5.08 (+)

Ext. dimensions: **335x10x100 mm**	loose un-assembled
Weight: 0.18 kg	suitable for containers from H=130
No. per pack: 86 pcs	

2310.100 Partition 300 T5.08 (=)

Ext. dimensions: **235x10x100 mm**	loose un-assembled
Weight: 0.12 kg	suitable for containers from H=130
No. per pack: 120 pcs	

3310.100 Partition 400 T5.08 (=)

Ext. dimensions: **335x10x100 mm**	loose un-assembled
Weight: 0.18 kg	suitable for containers from H=130
No. per pack: 86 pcs	
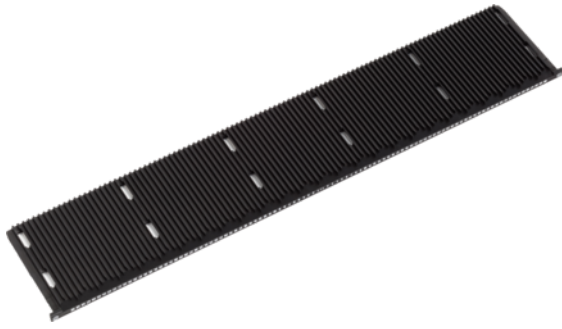
5310.120 Partition 600 T5.08 (-)

Ext. dimensions: **535x10x100 mm**	loose un-assembled
Weight: 0.27 kg	suitable for containers from H=130
No. per pack: 54 pcs	
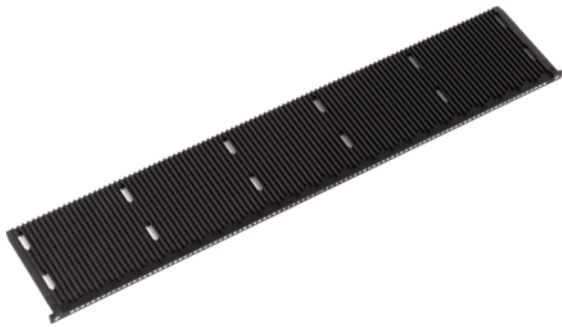
5310.110 Partition 600 T5.08 (+)

Ext. dimensions: **535x10x100 mm**	loose un-assembled
Weight: 0.27 kg	suitable for containers from H=130
No. per pack: 54 pcs	
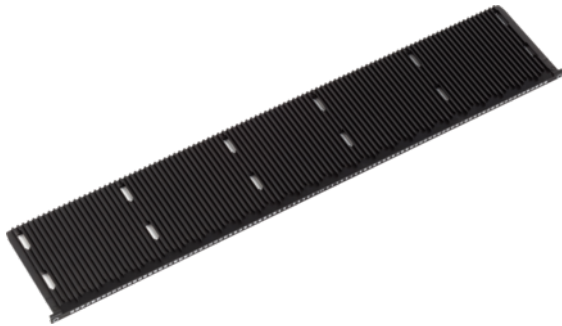
5310.100 Partition 600 T5.08 (=)

Ext. dimensions: **535x10x100 mm**	loose un-assembled
Weight: 0.27 kg	suitable for containers from H=130
No. per pack: 54 pcs	

9980.054 Secondo-FIX-Pair

packed 10 pcs in a bag	for Printorama Secondo

9980.035 Secondo-Profile

Ext. dimensions: **17x17x105 mm**	for Printorama Secondo
loose packed in a bag	
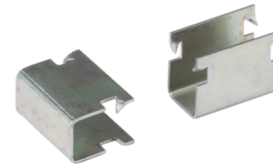
9980.007 U-Clips for extension frame

Ext. dimensions: **15x11 mm**	for assembly on mounting frame
loose, unassembled	

RACK-SYSTEM 100
PCB handling RS100

The Rack-System 100 is the simplest and most reliable way to handle printed circuit boards with ESD protection. Just like using a construction kit, you can assemble your rack system using the different possible combinations. With integrated adjusting slot for the simplest and most efficient adjustment of size. Combined with our Blackline containers, you achieve perfect protection, even during transport.

Slot dimensions

Division = 10.16 mm
Width = 3.50 mm
Depth = 2.50 mm

Quick and simple adjustment
The adjusting slot is marked with a rhombus and can be found at each end of the slot wall. It is 0.25 mm shallower than all other slots. Simply clamp the printed circuit board in the slot wall, screw the slot wall and aluminium profile, and you have already set the insertion dimension perfectly.

Figure showing slot lock

Applications
Rack-System 100 is extremely well-suited for the storage and transport of electrostatic printed circuit boards.

Tip
You will find suitable stackable containers in the Blackline section.

Special types
All non-stock items are marked thus 🔴 and available on request.

2510.000 Slotted wall pair 300

Ext. dimensions: **255x14x80 mm**	
Weight:	0.26 kg
No. per pallet:	1344 pcs
No. per pack:	42 pcs

with base stop
unstrengthened
stackable up to a PCB height 80 mm

9980.149 Rack profile-rail 356

Ext. dimensions: **356 mm**	
Weight:	105 g
for container 400x300 mm	

insertion lengthwise
for slotted wall pair 300

3510.000 Slotted wall pair 400

Ext. dimensions: **355x14x80 mm**	
Weight:	0.35 kg
No. per pallet:	896 pcs
No. per pack:	28 pcs

with base stop
unstrengthened
stackable up to a PCB height 80 mm

9980.149 Rack profile-rail 556

Ext. dimensions: **556 mm**	
Weight:	170 g
for container 600x400 mm	

insertion lengthwise
for slotted wall pair 400

9980.149 Rack profile-rail 156

Ext. dimensions: **156 mm**	
Weight:	50 g
for container 300x200 mm	

insertion crosswise
for slotted wall pair 300

9980.149 Rack profile-rail

Ext. dimensions: **x-x mm**	
Weight:	298 g
cut to desired length	

Option: 9980.150
9980.150 = length 3450 mm
for any length

9980.149 Rack profile-rail 256

Ext. dimensions: **256 mm**	
Weight:	80 g
for container 400x300 mm	

insertion crosswise
for slotted wall pair 400

9980.152 Slot clip
packed 100 pcs in a bag

suitable for Rack-Serie 100

RACK-SYSTEM 180

PCB handling RS180

The Rack-System 180 is the simplest and most reliable way to handle printed circuit boards with ESD protection. Just like using a construction kit, you can assemble your rack system using the different possible combinations. With integrated adjusting slot for the simplest and most efficient adjustment of size. Combined with our Blackline containers, you achieve perfect protection, even during transport.

Slot dimensions

Division	=	10.16 mm
Width	=	3.50 mm
Depth	=	2.50 mm

Quick and simple adjustment

The adjusting slot is marked with a rhombus and can be found at each end of the slot wall. It is 0.25 mm shallower than all other slots. Simply clamp the printed circuit board in the slot wall, screw the slot wall and aluminium profile, and you have already set the insertion dimension perfectly.

Figure showing slot lock

Applications

The Rack-System 180 is extremely well-suited for the storage and transport of electrostatic printed circuit boards.

Tip

You will find suitable stackable containers in the Blackline section.

Special types

All non-stock items are marked thus 🔴 and available on request.

2518.000 Slotted wall 300
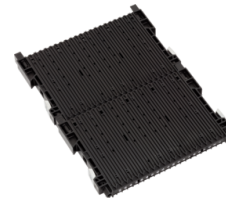
Ext. dimensions: **255x22x180 mm**	No. per pack:	32 pcs
Weight: 0.38 kg	without base stop	
No. per pallet: 1024 pcs	unstrengthened	

2518.022 Slotted wall 300

Ext. dimensions: **255x22x180 mm**	No. per pack:	32 pcs
Weight: 0.41 kg	with base stop type 022	
No. per pallet: 1024 pcs	unstrengthened	

2518.900 Slotted wall 300

Ext. dimensions: **255x22x180 mm**	No. per pack:	32 pcs
Weight: 0.40 kg	without base stop	
No. per pallet: 1024 pcs	strengthened	

2518.922 Slotted wall 300

Ext. dimensions: **255x22x180 mm**	No. per pack:	32 pcs
Weight: 0.46 kg	with base stop type 022	
No. per pallet: 1024 pcs	strengthened	

2534.000 Double slotted wall 300
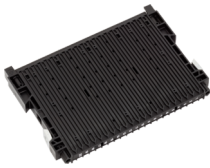
Ext. dimensions: **255x22x345 mm**	No. per pack:	27 pcs
Weight: 0.76 kg	without base stop	
No. per pallet: 432 pcs	unstrengthened	

2534.022 Double slotted wall 300

Ext. dimensions: **255x22x345 mm**	No. per pack:	27 pcs
Weight: 0.79 kg	with base stop type 022	
No. per pallet: 432 pcs	unstrengthened	
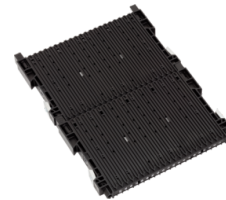
2534.900 Double slotted wall 300

Ext. dimensions: **255x22x345 mm**	No. per pack:	27 pcs
Weight: 0.87 kg	without base stop	
No. per pallet: 432 pcs	double strengthened	

2534.922 Double slotted wall 300

Ext. dimensions: **255x22x345 mm**	No. per pack:	27 pcs
Weight: 0.93 kg	with base stop type 022	
No. per pallet: 432 pcs	double strengthened	

3518.000 Slotted wall 400

Ext. dimensions: **355x22/32x180 mm**		No. per pack:	24 pcs
Weight:	0.48 kg	without base stop	
No. per pallet:	768 pcs	unstrengthened	

3518.922 Slotted wall 400

Ext. dimensions: **355x22/32x180 mm**		No. per pack:	53 pcs
Weight:	0.61 kg	with base stop type 022	
No. per pallet:	848 pcs	strengthened	

3518.022 Slotted wall 400

Ext. dimensions: **355x22/32x180 mm**		No. per pack:	53 pcs
Weight:	0.53 kg	with base stop type 022	
No. per pallet:	848 pcs	unstrengthened	

3518.932 Slotted wall 400

Ext. dimensions: **355x22/32x180 mm**		No. per pack:	48 pcs
Weight:	0.62 kg	with base stop type 032	
No. per pallet:	768 pcs	strengthened	

3518.032 Slotted wall 400

Ext. dimensions: **355x22/32x180 mm**		No. per pack:	48 pcs
Weight:	0.54 kg	with base stop type 032	
No. per pallet:	768 pcs	unstrengthened	
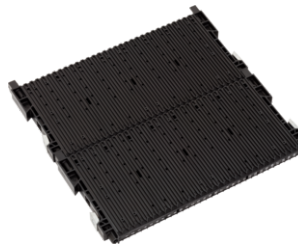
3535.000 Double slotted wall 400

Ext. dimensions: **355x22/32x345 mm**		No. per pack:	27 pcs
Weight:	0.98 kg	without base stop	
No. per pallet:	432 pcs	unstrengthened	

3518.900 Slotted wall 400

Ext. dimensions: **355x22/32x180 mm**		No. per pack:	53 pcs
Weight:	0.60 kg	without base stop	
No. per pallet:	848 pcs	strengthened	
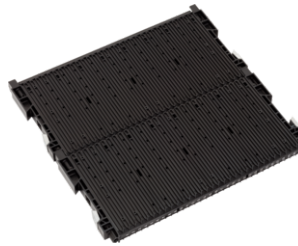
3535.022 Double slotted wall 400

Ext. dimensions: **355x22/32x345 mm**		No. per pack:	27 pcs
Weight:	1.02 kg	with base stop type 022	
No. per pallet:	432 pcs	unstrengthened	

3535.032 Double slotted wall 400

Ext. dimensions: **355x22/32x345 mm**		No. per pack:	25 pcs
Weight:	1.02 kg	with base stop type 032	
No. per pallet:	400 pcs	unstrengthened	

5518.000 Slotted wall 600

Ext. dimensions: **555x22/25x180 mm**		No. per pack:	16 pcs
Weight:	0.77 kg	without base stop	
No. per pallet:	512 pcs	strengthened	
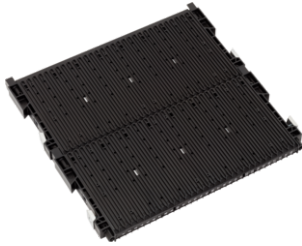
3535.900 Double slotted wall 400

Ext. dimensions: **355x22/32x345 mm**		No. per pack:	26 pcs
Weight:	1.21 kg	without base stop	
No. per pallet:	416 pcs	double strengthened	

5518.025 Slotted wall 600

Ext. dimensions: **555x22/25x180 mm**		No. per pack:	16 pcs
Weight:	0.82 kg	with base stop type 025	
No. per pallet:	544 pcs	strengthened	

3535.922 Double slotted wall 400

Ext. dimensions: **355x22/32x345 mm**		No. per pack:	27 pcs
Weight:	1.22 kg	with base stop type 022	
No. per pallet:	432 pcs	double strengthened	

5535.000 Double slotted wall 600

Ext. dimensions: **555x22/25x345 mm**		No. per pack:	18 pcs
Weight:	1.51 kg	without base stop	
No. per pallet:	288 pcs	strengthened	
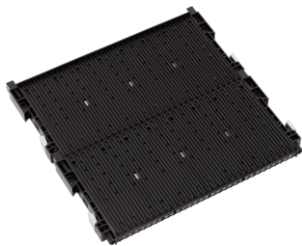
3535.932 Double slotted wall 400

Ext. dimensions: **355x22/32x345 mm**		No. per pack:	25 pcs
Weight:	1.22 kg	with base stop type 032	
No. per pallet:	400 pcs	double strengthened	
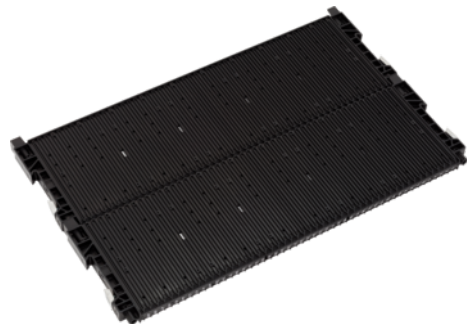
5535.025 Double slotted wall 600

Ext. dimensions: **555x22/25x345 mm**		No. per pack:	17 pcs
Weight:	1.58 kg	with base stop type 025	
No. per pallet:	272 pcs	strengthened	

5535.900 Double slotted wall 600

Ext. dimensions: **555x22/25x345 mm**	
Weight: 1.62 kg	No. per pack: 18 pcs
No. per pallet: 288 pcs	without base stop
	double strengthened

9980.074 Rack profile rail 556

Ext. dimensions: **556 mm**	insertion lengthwise
Weight: 263 g	for slotted wall 600
for container 600x400 mm	
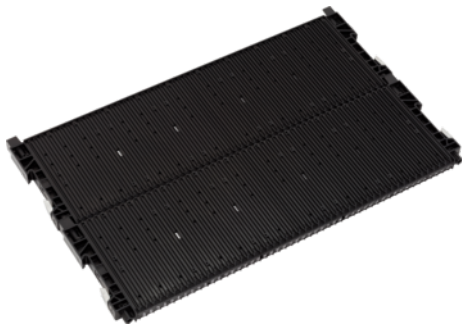
5535.925 Double slotted wall 600

Ext. dimensions: **555x22/25x345 mm**	
Weight: 1.66 kg	No. per pack: 17 pcs
No. per pallet: 272 pcs	with base stop type 025
	double strengthened

9980.074 Rack profile rail

Ext. dimensions: **x-x mm**	**Option: 9980.075**
cut to desired length	9980.075 = length 3450 mm
	for any length

9980.074 Rack profile rail 256

Ext. dimensions: **256 mm**	insertion lengthwise
Weight: 122 g	for slotted wall 400
for container 400x300 mm	

9980.077 Hand grip for slotted wall

attachable grip strap un-assembled	**Option: 9980.977**
	9980.977 = assembled

9980.074 Rack profile rail 356

Ext. dimensions: **356 mm**	insertion length/crosswise
Weight: 168 g	for slotted wall 300/600
for container 400x300/600x400 mm	

9980.076 Slot clip

packed 100 pcs in a bag	suitable for Rack-Serie 180

Slot Wall variants

The different slot walls differ from each other with differing base stops and strengthening:
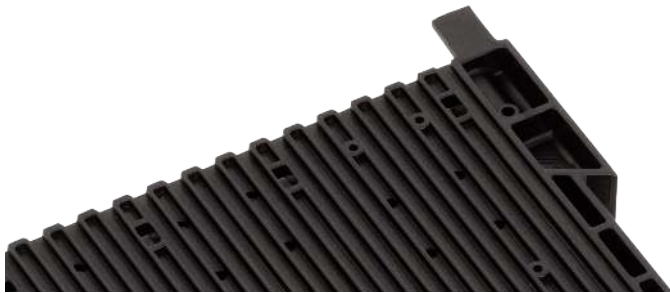
Without base stop (000/900)

Non-strengthened (long side)

With base stop (022/922)

Non-strengthened (short side)
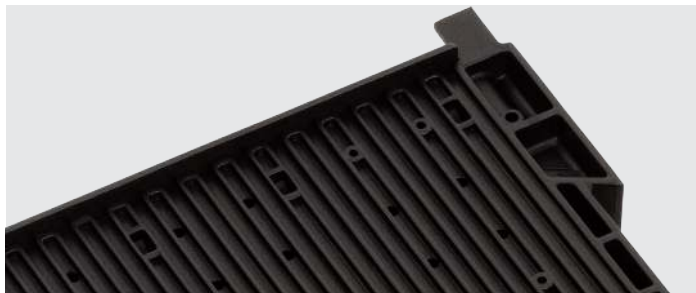
With base stop (032/932)

Strengthened (long side)
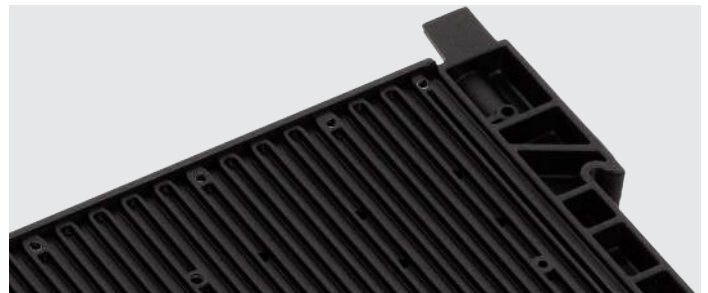
With base stop (025/925)

Strengthened (short side)

Rack-System 180 mounted (with brace)
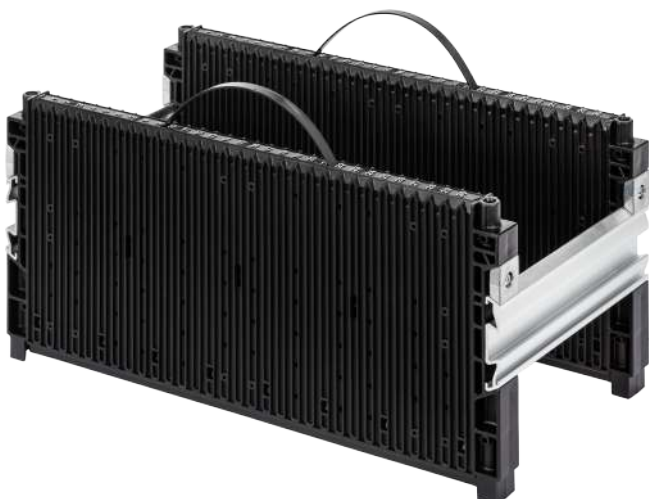
BLACKLINE

The conductive SGL-standard stackable container of the Blackline range conforms to the requirements of the Swiss Logistics Association (Schweizerische Gesellschaft fur Logistik, SGL). It is extremely well-suited for the consignment, storage and protection of electronic components during manual and mechanical handling. There are about 20 different sizes and a multitude of variants and the Blackline range is designed for industrial use. The thick-walled and extremely robust and dimensionally stable design will protect your parts for years.

Available sizes

Basic dimensions (L×W in mm)	External height (mm)						
200×150	100	145					
300×200	53	101	145				
400×300	53	101	145	212	278	320	
600×400	56	101	145	212	278	320	412

(depending on the base design, external height +3/+6 mm)

Special types

All non-stock items are marked thus 🔴 and available on request.

ESD version

Every Blackline container carries the ESD logo and has a surface resistance of <10^5 Ohm.

Tip

The Blackline range offers comprehensive systems for the appropriate handling of printed circuit boards. Find out more in the following sections:

1. PCB Holders
2. Printorama
3. Rack-System 100
4. Rack-System 180

1.

2.

3.

4.
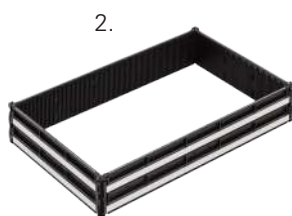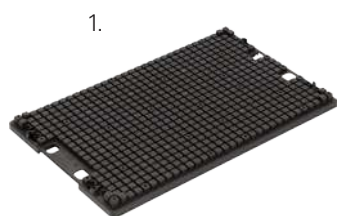
Base types

Closed flat base 007

(some versions have other base types)

Side wall types

Closed wall

Grip types

Shell grip

Handle strip

Standard colour

Colour code 992
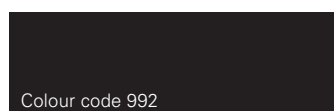
Black ESD

Blackline accesssories

The Blackline range includes not only plastic containers but also the appropriate lids and cases. Dividers, labelling and marking, insert boxes and rollboys for easier transport complement the range.

Dividers

Lids

Foam

Insert boxes

See section:
Containers for Small Parts

Labelling

See section:
Labelling

Rollboys

See section:
Store Organisation

Marking (Printing)

On request, hot embossing in the following colours can also be used to customise the design of the containers of the Blackline range:

White 69/77	Yellow PA 973	Orange P963	Green 78/603	Red 70/60	Orange 74/60	Blue 83/60
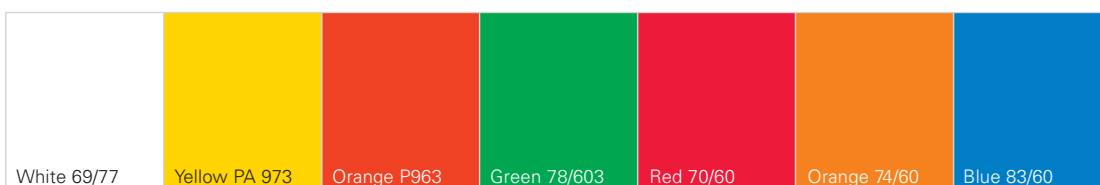
BLACKLINE

SGL-standard container conductive BL

The conductive SGL-standard container from the Blackline range is appreciated by professionals because of its robustness and dimensional stability. It is precisely this stable design and the almost indestructible material that makes the Blackline container an extremely durable and sustainable all-rounder in ESD-protected applications.

Applications

Blackline stackable containers are extremely well-suited for the consignment, storage and protection of electronic components.

Special types

All non-stock items are marked thus 🔴 and available on request.

2108.007 Container BL

Ext. dimensions:	**200x150x100 mm**	Weight:	0.26 kg
Int. dimensions:	155x106x96 mm	**Closed flat base 007**	
Useable height:	85 mm	Closed walls	
Load capacity:	15 kg	Handle strips	
Volume:	1.6 l	No. per pallet:	480 pcs

2113.007 Container BL

Ext. dimensions:	**200x150x145 mm**	Weight:	0.33 kg
Int. dimensions:	155x106x142 mm	**Closed flat base 007**	
Useable height:	129 mm	Closed walls	
Load capacity:	15 kg	Handle strips	
Volume:	2.3 l	No. per pallet:	328 pcs

3204.007 Container BL

Ext. dimensions:	**300x200x56 mm**	Weight:	0.29 kg
Int. dimensions:	253x153x53 mm	**Closed flat base 007**	
Useable height:	41 mm	Closed walls	
Load capacity:	15 kg	Handle strips	
Volume:	2.1 l	No. per pallet:	448 pcs

3208.007 Container BL

Ext. dimensions:	**300x200x101 mm**	Weight:	0.53 kg
Int. dimensions:	254x154x96 mm	**Closed flat base 007**	
Useable height:	83 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	3.8 l	No. per pallet:	352 pcs

3213.007 Container BL

Ext. dimensions:	**300x200x145 mm**	Weight:	0.69 kg
Int. dimensions:	254x154x141 mm	**Closed flat base 007**	
Useable height:	128 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	5.5 l	No. per pallet:	240 pcs

4304.007 Container BL

Ext. dimensions:	**400x300x53 mm**	Weight:	0.60 kg
Int. dimensions:	354x254x49 mm	**Closed flat base 007**	
Useable height:	41 mm	Closed walls	
Load capacity:	15 kg	Handle strips	
Volume:	4.4 l	No. per pallet:	352 pcs

4308.907 Container BL

Ext. dimensions:	**400x300x101 mm**	Weight:	0.92 kg
Int. dimensions:	354x254x96 mm	**Closed flat base 007**	
Useable height:	83 mm	Closed walls	
Load capacity:	15 kg	Handle strips	
Volume:	8.6 l	No. per pallet:	176 pcs

4313.907 Container BL

Ext. dimensions:	**400x300x145 mm**	Weight:	1.11 kg
Int. dimensions:	354x254x141 mm	**Closed flat base 007**	
Useable height:	128 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	12.7 l	No. per pallet:	120 pcs

4313.097 Container BL light

Ext. dimensions: **400x300x145 mm**		
Int. dimensions: 354x254x139 mm		
Useable height: 128 mm		
Load capacity: 10 kg		
Volume: 12.5 l		

Weight:	0.80 kg
Closed flat base light	
Closed walls	
Shell grips	
No. per pallet:	120 pcs

6404.007 Container BL

Ext. dimensions: **600x400x56 mm**		
Int. dimensions: 560x360x54 mm		
Useable height: 42 mm		
Load capacity: 15 kg		
Volume: 10.9 l		

Weight:	1.21 kg
Closed flat base 007	
Closed walls	
Handle strips	
No. per pallet:	176 pcs

4320.007 Container BL

Ext. dimensions: **400x300x212 mm**		
Int. dimensions: 354x254x208 mm		
Useable height: 196 mm		
Load capacity: 15 kg		
Volume: 18.7 l		

Weight:	1.54 kg
Closed flat base 007	
Closed walls	
Shell grips	
No. per pallet:	80 pcs

6408.007 Container BL

Ext. dimensions: **600x400x101 mm**		
Int. dimensions: 560x360x95 mm		
Useable height: 83 mm		
Load capacity: 15 kg		
Volume: 19.2 l		

Weight:	1.62 kg
Closed flat base 007	
Closed walls	
Handle strips	
No. per pallet:	88 pcs

4326.007 Container BL

Ext. dimensions: **400x300x278 mm**		
Int. dimensions: 360x260x275 mm		
Useable height: 262 mm		
Load capacity: 15 kg		
Volume: 25.7 l		

Weight:	2.05 kg
Closed flat base 007	
Closed walls	
Shell grips	
No. per pallet:	56 pcs

6413.007 Container BL

Ext. dimensions: **600x400x145 mm**		
Int. dimensions: 554x354x141 mm		
Useable height: 129 mm		
Load capacity: 15 kg		
Volume: 27.7 l		

Weight:	2.04 kg
Closed flat base 007	
Closed walls	
Shell grips	
No. per pallet:	60 pcs

4332.007 Container BL

Ext. dimensions: **400x300x320 mm**		
Int. dimensions: 360x260x316 mm		
Useable height: 303 mm		
Load capacity: 15 kg		
Volume: 29.6 l		

Weight:	2.17 kg
Closed flat base 007	
Closed walls	
Shell grips	
No. per pallet:	48 pcs

6413.097 Container BL light

Ext. dimensions: **600x400x145 mm**		
Int. dimensions: 560x360x130 mm		
Useable height: 129 mm		
Load capacity: 10 kg		
Volume: 26.2 l		

Weight:	1.27 kg
Closed flat base light	
Closed walls	
Shell grips	
No. per pallet:	60 pcs

6413.625 Container BL

Ext. dimensions:	**600x400x148 mm**	Weight:	2.61 kg
Int. dimensions:	560x360x130 mm	**Perimeter ribbed base 624**	
Useable height:	118 mm	Closed walls	
Load capacity:	35 kg	Shell grips	
Volume:	26.2 l	No. per pallet:	60 pcs

6420.007 Container BL

Ext. dimensions:	**600x400x212 mm**	Weight:	2.53 kg
Int. dimensions:	554x354x208 mm	**Closed flat base 007**	
Useable height:	196 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	40.8 l	No. per pallet:	40 pcs

6420.626 Container BL

Ext. dimensions:	**600x400x215 mm**	Weight:	3.57 kg
Int. dimensions:	560x360x197 mm	**Ribbed base 626**	
Useable height:	185 mm	Closed walls	
Load capacity:	50 kg	Shell grips	
Volume:	39.7 l	No. per pallet:	40 pcs

6426.007 Container BL

Ext. dimensions:	**600x400x278 mm**	Weight:	3.04 kg
Int. dimensions:	554x354x273 mm	**Closed flat base 007**	
Useable height:	260 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	53.5 l	No. per pallet:	28 pcs

6432.007 Container BL

Ext. dimensions:	**600x400x320 mm**	Weight:	3.09 kg
Int. dimensions:	554x354x316 mm	**Closed flat base 007**	
Useable height:	303 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	62.0 l	No. per pallet:	24 pcs

6432.626 Container BL

Ext. dimensions:	**600x400x323 mm**	Weight:	3.40 kg
Int. dimensions:	560x360x304 mm	**Ribbed base 626**	
Useable height:	291 mm	Closed walls	
Load capacity:	50 kg	Shell grips	
Volume:	61.3 l	No. per pallet:	24 pcs

6440.007 Container BL

Ext. dimensions:	**600x400x412 mm**	Weight:	4.61 kg
Int. dimensions:	554x354x407 mm	**Closed flat base 007**	
Useable height:	393 mm	Closed walls	
Load capacity:	15 kg	Handle strips	
Volume:	79.8 l	No. per pallet:	20 pcs

BLACKLINE

SGL-standard lid conductive BL

The conductive, dimensionally stable lid of the Blackline range is available in three designs: loose for placing on the container, with hinges and closures, and with four swing latches. It is adapted to the Euro-standard container, easy to handle and the wearing parts can be replaced at any time.

Applications

The Blackline lid combined with a Blackline container protects the contents of the container optimally against electrostatic discharge.

Available sizes

Basic dimensions (L×W in mm)
300×200
400×300
600×400

Suitable for Blackline stackable containers

Special types

All non-stock items are marked thus 🔴 and available on request.

Hinge for lid

3200.000 Loose lid BL

Ext. dimensions: **300x200 mm**	No. per pack:	45 pcs
Weight: 205 g	for loosely laying on	

4300.000 Loose lid BL

Ext. dimensions: **400x300 mm**	No. per pack:	50 pcs
Weight: 378 g	for loosely laying on	

3200.032 Hinged lid BL

Ext. dimensions: **300x200 mm**	No. per pack:	30 pcs
Weight: 217 g	2 hinges / 2 latches	

4300.032 Hinged lid BL

Ext. dimensions: **400x300 mm**	No. per pack:	30 pcs
Weight: 387 g	2 hinges / 2 latches	

3200.044 Locking lid BL

Ext. dimensions: **300x200 mm**	No. per pack:	30 pcs
Weight: 217 g	4 latches	

4300.044 Locking lid BL

Ext. dimensions: **400x300 mm**	No. per pack:	30 pcs
Weight: 387 g	4 latches	

4300.932 Hinged lid BL

Ext. dimensions: **400x300 mm**	No. per pack:	30 pcs
Weight: 416 g	2 hinges / 2 latches	
	inner document compartment A4	

6400.000 Loose lid BL

Ext. dimensions: **600x400 mm**	No. per pack: 40 pcs
Weight: 837 g	for loosely laying on

6400.032 Hinged lid BL

Ext. dimensions: **600x400 mm**	No. per pack: 30 pcs
Weight: 847 g	2 hinges / 2 latches

6400.044 Locking lid BL

Ext. dimensions: **600x400 mm**	No. per pack: 30 pcs
Weight: 851 g	4 latches

6400.932 Hinged lid BL

Ext. dimensions: **600x400 mm**	No. per pack: 30 pcs
Weight: 871 g	2 hinges / 2 latches
	inner document compartment A4

9980.011 Hinge for lid BL

Weight: 4 g	un-assembled, loose
Material: PA/PP	accessories for SGL-norm case & lid
	lower part: PA, upper part: PP

9980.012 Swing latch for lid BL

Weight: 7 g	un-assembled, loose, pairs left/right
Material: PA	accessories for SGL-norm case & lid
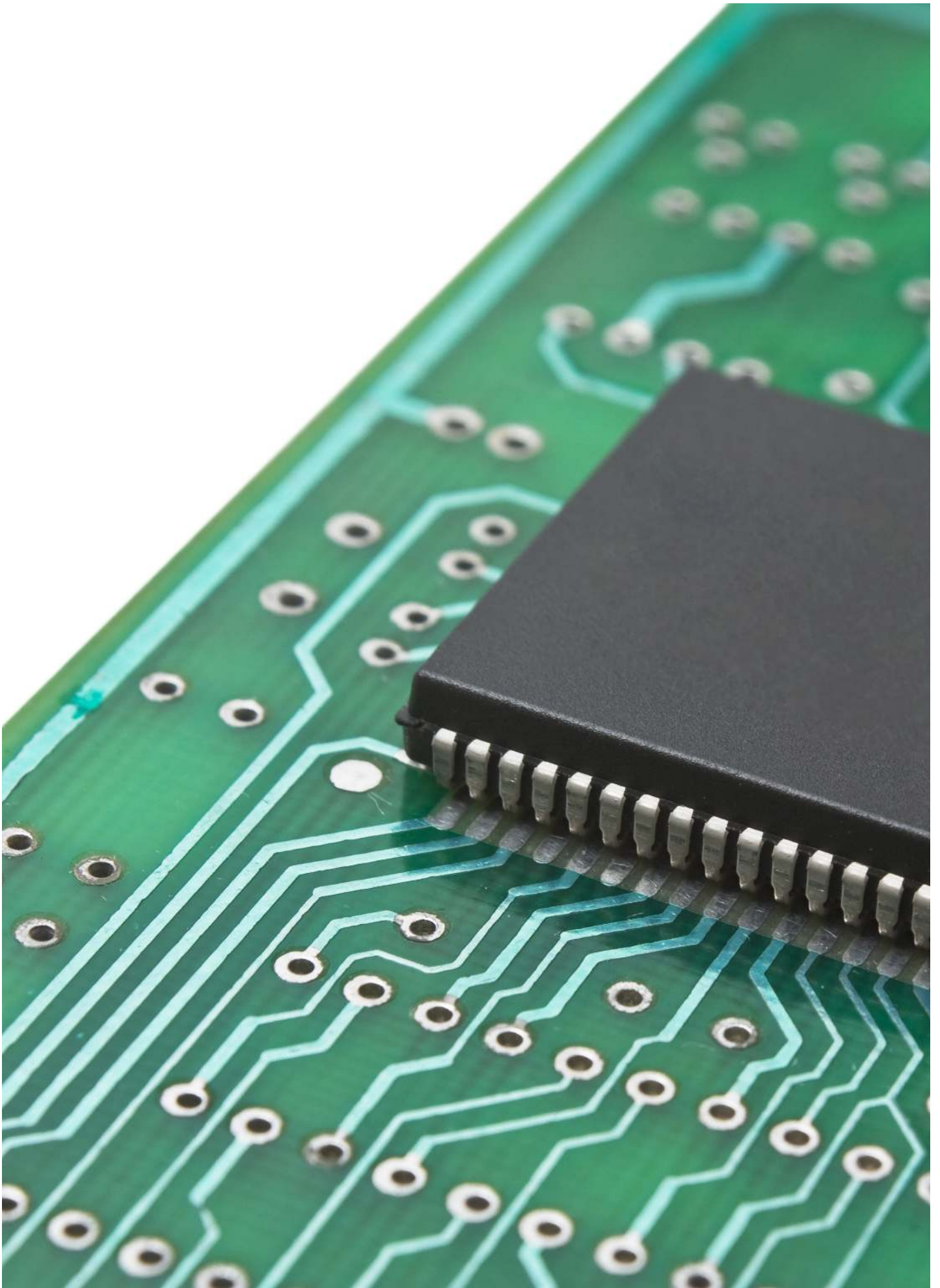
BLACKLINE
SGL-standard case conductive BL

The SGL-standard case of the Blackline range consists of a stackable container, Blackline hinged lid and a carrying handle that makes it practical and comfortable to carry the case.

Applications

The Blackline case makes it easier to transport the container manually. If accessories such as dividers, foam or insert boxes are added, it is an ideal tool case; however, it is also very well suited for other applications.

Available sizes

Basic dimensions (L×W in mm)
300×200
400×300
600×400

Special types

All non-stock items are marked thus 🔴 and available on request.

3204.390 Case BL

Ext. dimensions:	**300x200x69 mm**	Weight:	0.53 kg
Int. dimensions:	260x160x39 mm	**Closed SGL base 000**	
Useable height:	39 mm	Handle strips	
Load capacity:	15 kg	1 carrying grip on the long side	
Volume:	1.6 l	No. per pallet:	400 pcs

4308.397 Case BL

Ext. dimensions:	**400x300x110 mm**	Weight:	1.31 kg
Int. dimensions:	354x254x95 mm	**Closed flat base 007**	
Useable height:	95 mm	Handle strips	
Load capacity:	15 kg	1 carrying grip on the long side	
Volume:	8.5 l	No. per pallet:	120 pcs

3208.397 Case BL

Ext. dimensions:	**300x200x110 mm**	Weight:	0.77 kg
Int. dimensions:	260x160x95 mm	**Closed flat base 007**	
Useable height:	95 mm	Shell grips	
Load capacity:	15 kg	1 carrying grip on the long side	
Volume:	4.0 l	No. per pallet:	240 pcs

4313.397 Case BL

Ext. dimensions:	**400x300x154 mm**	Weight:	1.55 kg
Int. dimensions:	354x254x139 mm	**Closed flat base 007**	
Useable height:	139 mm	Shell grips	
Load capacity:	15 kg	1 carrying grip on the long side	
Volume:	12.5 l	No. per pallet:	80 pcs

3213.397 Case BL

Ext. dimensions:	**300x200x154 mm**	Weight:	0.92 kg
Int. dimensions:	254x154x139 mm	**Closed flat base 007**	
Useable height:	139 mm	Shell grips	
Load capacity:	15 kg	1 carrying grip on the long side	
Volume:	5.4 l	No. per pallet:	176 pcs

4320.397 Case BL

Ext. dimensions:	**400x300x221 mm**	Weight:	1.96 kg
Int. dimensions:	354x254x206 mm	**Closed flat base 007**	
Useable height:	206 mm	Shell grips	
Load capacity:	15 kg	1 carrying grip on the long side	
Volume:	18.5 l	No. per pallet:	56 pcs

4304.397 Case BL

Ext. dimensions:	**400x300x63 mm**	Weight:	0.64 kg
Int. dimensions:	354x254x48 mm	**Closed flat base 007**	
Useable height:	48 mm	Handle strips	
Load capacity:	15 kg	1 carrying grip on the long side	
Volume:	5.2 l	No. per pallet:	208 pcs

4326.397 Case BL

Ext. dimensions:	**400x300x287 mm**	Weight:	2.45 kg
Int. dimensions:	354x254x272 mm	**Closed flat base 007**	
Useable height:	272 mm	Shell grips	
Load capacity:	15 kg	1 carrying grip on the long side	
Volume:	24.5 l	No. per pallet:	40 pcs

6408.397 Case BL

Ext. dimensions: **600x400x111 mm**	
Int. dimensions: 554x354x95 mm	
Useable height: 95 mm	
Load capacity: 15 kg	
Volume: 18.6 l	

Weight:	2.51 kg
Closed flat base 007	
Handle strips	
1 carrying grip on the long side	
No. per pallet:	60 pcs

9980.128 Case grip set conductive BL

Weight:	17 g
Material:	PA
No. per pack:	100 pcs

unassembled
packed in a bag
Set compl. assembled = 9980.828

6413.397 Case BL

Ext. dimensions: **600x400x155 mm**	
Int. dimensions: 554x354x139 mm	
Useable height: 139 mm	
Load capacity: 15 kg	
Volume: 27.3 l	

Weight:	2.83 kg
Closed flat base 007	
Shell grips	
1 carrying grip on the long side	
No. per pallet:	40 pcs

6420.397 Case BL

Ext. dimensions: **600x400x221 mm**	
Int. dimensions: 554x354x206 mm	
Useable height: 206 mm	
Load capacity: 15 kg	
Volume: 40.4 l	

Weight:	3.49 kg
Closed flat base 007	
Shell grips	
1 carrying grip on the long side	
No. per pallet:	28 pcs

6426.397 Case BL

Ext. dimensions: **600x400x288 mm**	
Int. dimensions: 554x354x272 mm	
Useable height: 272 mm	
Load capacity: 15 kg	
Volume: 53.3 l	

Weight:	3.92 kg
Closed flat base 007	
Shell grips	
1 carrying grip on the long side	
No. per pallet:	20 pcs

BLACKLINE

Dividers conductive BL

Blackline dividers allow Blackline containers to be subdivided flexibly. Thanks to the snap-in system, the dividers are held together firmly, even during cleaning or removal. The rounded edges and guide grooves make handling easy and comfortable.

Applications

Blackline dividers allow containers to be partitioned flexibly to meet specific requirements for tidiness and protection.

Suitable for 400×300 mm and 600×400 mm Blackline stackable containers.

Special types

All non-stock items are marked thus 🔴 and available on request.

2610.003 Divider BL

Ext. dimensions: **258x100x3 mm**	divider 23 mm
Weight: 70 g	H=100 mm / L=300 mm
No. per pack: 150 pcs	

3610.003 Divider BL

Ext. dimensions: **358x100x3 mm**	divider 29 mm
Weight: 97 g	H=100 mm / L=400 mm
No. per pack: 100 pcs	

5610.003 Divider BL

Ext. dimensions: **558x100x3 mm**	divider 33 mm
Weight: 156 g	H=100 mm / L=600 mm
No. per pack: 120 pcs	
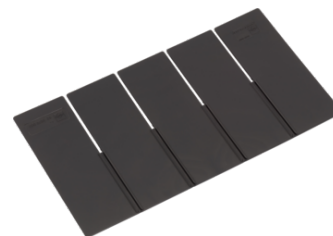
3620.003 Divider BL

Ext. dimensions: **358x200x3 mm**	divider 64 mm
Weight: 197 g	H=200 mm / L=400 mm
No. per pack: 110 pcs	
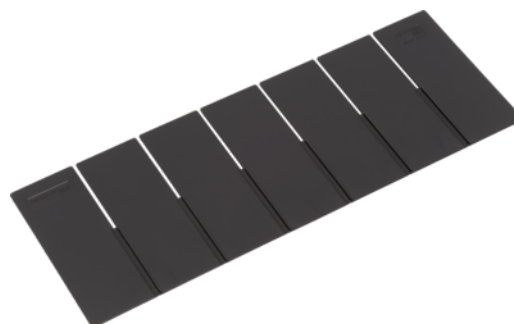
5620.003 Divider BL

Ext. dimensions: **558x200x3 mm**	divider 73 mm
Weight: 351 g	H=200 mm / L=600 mm
No. per pack: 70 pcs	
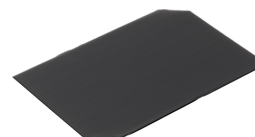
9980.080 Intermediate layer BL

Ext. dimensions: **255x355x3 mm**	for container 400x300 mm
Weight: 47 g	hollow chamber mat
No. per pack: 1 pcs	
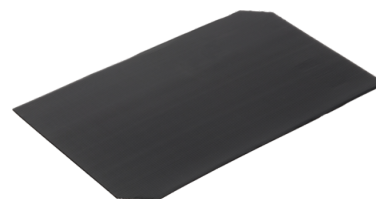
9980.081 Intermediate layer BL

Ext. dimensions: **355x555x3 mm**	for container 400x600 mm
Weight: 110 g	hollow chamber mat
No. per pack: 1 pcs	

BLACKLINE
Foam cut-outs conductive BL

Blackline foam cut-outs in the lid, on the walls or on the base of the container prevent slipping or damage to the stored products. Different thicknesses and customised cut-puts (available on request) guarantee precise tailoring to your specific needs.

Applications
Blackline foam cut-outs allow the Blackline container to be arranged individually to satisfy your specific needs exactly.

Available sizes

Basic dimensions (L×W in mm)
400×300
600×400

Suitable for Blackline stackable containers.

Tip
If you wish, the foam can also be custom cut for other product ranges such as Newbox Black.

Special types
All non-stock items are marked thus 🔴 and available on request.

2636.006 Flat Foam BL

Ext. dimensions: **358x258x6 mm**		for lid 400x300 mm	
Weight:	34 g	height 6 mm	
Material:	PUR	loose (glued: 2636.007)	

2636.015 Flat Foam BL

Ext. dimensions: **358x258x15 mm**		for lid 400x300 mm	
Weight:	28 g	height 15 mm	
Material:	PUR	loose (glued: 2636.016)	

3656.006 Flat Foam BL

Ext. dimensions: **558x358x6 mm**		for lid 600x400 mm	
Weight:	25 g	height 6 mm	
Material:	PUR	loose (glued: 3656.007)	

3656.015 Flat Foam BL

Ext. dimensions: **558x358x15 mm**		for lid 600x400 mm	
Weight:	50 g	height 15 mm	
Material:	PUR	loose (glued: 3656.016)	

Newbox Black

Newbox Black conductive Euro-Norm stackable containers are available in about 20 different sizes and are ideally suited to storage, transport and protection of your electronic components. The containers are stackable with dimensions that match those of the Euro pallets. Compared with the Blackline range, the Newbox Black range impresses with a somewhat slimmer and lighter design that is nevertheless robust and dimensionally stable.

Available sizes

Basic dimensions (L×W in mm)	External height (mm)								
300×200	120	147	220						
400×300	120	170	220	270	320				
600×400	75	120	150	170	220	236	280	343	423
800×600	320								

(depending on the base design, external height +/– 5 mm)

Special types

All non-stock items are marked thus 🔴 and available on request.

ESD version

Every Newbox Black container carries the ESD logo and has a surface resistance of $<10^5$ ohm.

Base types

Closed flat base V1

(some versions have other base types)

Side wall types

Closed wall

Grip types

Shell grip

Handle strips

Standard colours

Colour code 97
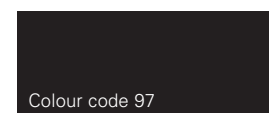
Black ESD

Newbox Black accessories

Appropriate lids, dividers, labelling & marking and transport trolleys round off the Newbox Black range.

Dividers
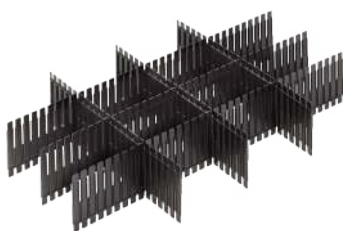
Lid

Labelling

See section: Labelling

Rollboy

See section: Store Organisation

Marking (Printing)

On request, hot embossing in the following colours can also be used to customise the design of the containers of the Newbox Black range:

White 69/77
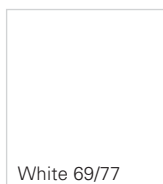
Other colours on request.

NEWBOX BLACK

Euro-standard container conductive NB MC

The Euro-standard container of the Newbox range boasts a slim design. Thanks to its robustness and dimensional stability, the Newbox is a durable and economic product.

Applications

Newbox Black stackable containers are extremely well-suited for the consignment, storage and protection of electronic components.

Special types

All non-stock items are marked thus 🔴 and available on request.

NB 05 MC Container NB MC

Ext. dimensions:	**300x200x120 mm**		Weight:	0.42 kg
Int. dimensions:	260x160x117 mm		**Closed flat base V1**	
Useable height:	103 mm		Closed walls	
Load capacity:	12 kg		Shell grips	
Volume:	4.9 l		No. per pallet:	304 pcs

NB 06 MC Container NB MC

Ext. dimensions:	**300x200x147 mm**		Weight:	0.48 kg
Int. dimensions:	260x160x145 mm		**Closed flat base V1**	
Useable height:	131 mm		Closed walls	
Load capacity:	12 kg		Shell grips	
Volume:	6.0 l		No. per pallet:	240 pcs

NB 09 MC Container NB MC

Ext. dimensions:	**300x200x220 mm**		Weight:	0.64 kg
Int. dimensions:	260x160x218 mm		**Closed flat base V1**	
Useable height:	204 mm		Closed walls	
Load capacity:	12 kg		Shell grips	
Volume:	9.1 l		No. per pallet:	144 pcs

NB 10 MC Container NB MC

Ext. dimensions:	**400x300x120 mm**		Weight:	0.76 kg
Int. dimensions:	360x258x118 mm		**Closed flat base V1**	
Useable height:	104 mm		Closed walls	
Load capacity:	12 kg		Shell grips	
Volume:	11.0 l		No. per pallet:	152 pcs

NB 14 MC Container NB MC

Ext. dimensions:	**400x300x170 mm**		Weight:	1.09 kg
Int. dimensions:	358x258x168 mm		**Closed flat base V1**	
Useable height:	154 mm		Closed walls	
Load capacity:	12 kg		Handle strips	
Volume:	15.5 l		No. per pallet:	104 pcs

NB 20 MC Container NB MC

Ext. dimensions:	**400x300x220 mm**		Weight:	1.24 kg
Int. dimensions:	358x258x217 mm		**Closed flat base V1**	
Useable height:	201 mm		Closed walls	
Load capacity:	12 kg		Handle strips	
Volume:	19.9 l		No. per pallet:	72 pcs

NB 25 MC Container NB MC

Ext. dimensions:	**400x300x270 mm**		Weight:	1.71 kg
Int. dimensions:	358x256x267 mm		**Closed flat base V1**	
Useable height:	251 mm		Closed walls	
Load capacity:	12 kg		Handle strips	
Volume:	24.3 l		No. per pallet:	56 pcs

NB 31 MC Container NB MC

Ext. dimensions:	**400x300x320 mm**		Weight:	1.92 kg
Int. dimensions:	358x256x316 mm		**Closed flat base V1**	
Useable height:	302 mm		Closed walls	
Load capacity:	12 kg		Handle strips	
Volume:	29.0 l		No. per pallet:	48 pcs

NB 15 MC Container NB MC

Ext. dimensions:	**600x400x75 mm**		
Int. dimensions:	555x355x72 mm	Weight:	1.33 kg
Useable height:	56 mm	**Closed flat base V1**	
Load capacity:	12 kg	Closed walls	
Volume:	14.2 l	Handle strips	
		No. per pallet:	132 pcs

NB 24 MC Container NB MC

Ext. dimensions:	**600x400x120 mm**		
Int. dimensions:	555x358x115 mm	Weight:	1.72 kg
Useable height:	96 mm	**Closed flat base V1**	
Load capacity:	12 kg	Closed walls	
Volume:	22.8 l	Shell grips	
		No. per pallet:	80 pcs

NB 33 MC Container NB MC

Ext. dimensions:	**600x400x150 mm**		
Int. dimensions:	553x353x145 mm	Weight:	2.18 kg
Useable height:	129 mm	**Closed flat base V1**	
Load capacity:	12 kg	Closed walls	
Volume:	28.3 l	Handle strips	
		No. per pallet:	60 pcs

NB 34 MC Container NB MC

Ext. dimensions:	**600x400x170 mm**		
Int. dimensions:	555x355x165 mm	Weight:	2.16 kg
Useable height:	149 mm	**Closed flat base V1**	
Load capacity:	12 kg	Closed walls	
Volume:	32.5 l	Handle strips	
		No. per pallet:	52 pcs

NB 42 MC Container NB MC

Ext. dimensions:	**600x400x220 mm**		
Int. dimensions:	555x358x217 mm	Weight:	2.50 kg
Useable height:	198 mm	**Closed flat base V1**	
Load capacity:	12 kg	Closed walls	
Volume:	43.1 l	Handle strips	
		No. per pallet:	40 pcs

NB 50 MC Container NB MC

Ext. dimensions:	**600x400x236 mm**		
Int. dimensions:	555x357x231 mm	Weight:	2.89 kg
Useable height:	212 mm	**Closed flat base V1**	
Load capacity:	12 kg	Closed walls	
Volume:	45.8 l	Handle strips	
		No. per pallet:	36 pcs

NB 55 MC Container NB MC

Ext. dimensions:	**600x400x280 mm**		
Int. dimensions:	553x355x277 mm	Weight:	3.21 kg
Useable height:	261 mm	**Closed flat base V1**	
Load capacity:	12 kg	Closed walls	
Volume:	54.4 l	Handle strips	
		No. per pallet:	28 pcs

NB 70 MC Container NB MC

Ext. dimensions:	**600x400x343 mm**		
Int. dimensions:	557x358x340 mm	Weight:	2.91 kg
Useable height:	321 mm	**Closed flat base V1**	
Load capacity:	12 kg	Closed walls	
Volume:	67.8 l	Handle strips	
		No. per pallet:	36 pcs
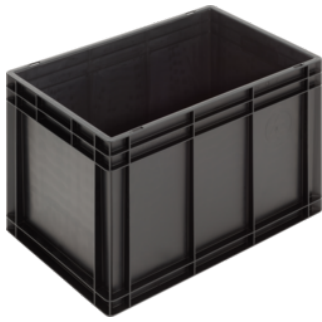
NB 80 MC Container NB MC

Ext. dimensions:	**600x400x423 mm**	Weight:	4.69 kg
Int. dimensions:	555x355x420 mm	**Closed flat base V1**	
Useable height:	401 mm	Closed walls	
Load capacity:	12 kg	Handle strips	
Volume:	82.8 l	No. per pallet:	20 pcs
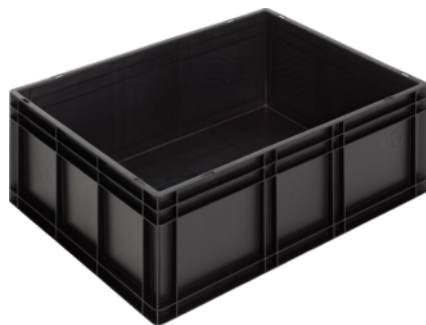
NB 130 MC Container NB MC

Ext. dimensions:	**800x600x320 mm**	Weight:	6.28 kg
Int. dimensions:	756x556x297 mm	**Integrated system base V6**	
Useable height:	277 mm	Closed walls	
Load capacity:	30 kg	Handle strips	
Volume:	124.8 l	No. per pallet:	14 pcs

NEWBOX BLACK

Euro-Norm lids conductive NB MC

The Newbox Black lid can be handled with one hand and is available in two versions: loose for placing on the container or with hinges and closures. It matches the Euro-Norm container, is easy to handle and the wearing parts can be replaced at any time.

Applications

The Newbox Black lid combined with a Newbox Black container protects the container contents optimally against electrostatic discharge.

Available sizes

Basic dimensions (L×W in mm)
300×200
400×300
600×400

Suitable for Newbox Black stackable containers

Hinge for lid

NBC 32

NBC 43

NBC 64

Special types

All non-stock items are marked thus 🔴 and available on request.

NBC 32 MC SG Loose lid NB MC

Ext. dimensions: **300x200 mm**	No. per pack:	30 pcs
Weight: 170 g	for loosely laying on	

NBC 32 MC Hinged lid NB MC

Ext. dimensions: **300x200 mm**	No. per pack:	30 pcs
Weight: 172 g	2 hinges	

NBC 43 MC SG Loose lid NB MC

Ext. dimensions: **400x300 mm**	No. per pack:	20 pcs
Weight: 324 g	for loosely laying on	

NBC 43 MC Hinged lid NB MC

Ext. dimensions: **400x300 mm**	No. per pack:	20 pcs
Weight: 279 g	2 hinges	

NBC 64 MC SG Loose lid NB MC

Ext. dimensions: **600x400 mm**	No. per pack:	10 pcs
Weight: 821 g	for loosely laying on	

NBC 64 MC Hinged lid NB MC

Ext. dimensions: **600x400 mm**	No. per pack:	10 pcs
Weight: 842 g	2 hinges	

NBC S MC Sliding closure for lid NB MC

Weight: 4 g	No. per pack:	100 pcs
Material: PP	un-assembled	
	accessories for euro-norm case & lid	

NEWBOX BLACK

Dividers conductive NB MC

Newbox Black dividers allow containers to be partitioned flexibly and when used ensure orderliness and provide protection. Thanks to the snap system, the dividers are held together firmly, even during cleaning or removal. The rounded edges and guide grooves make handling easy and comfortable.

Applications

Newbox Black dividers allow containers to be partitioned flexibly and when used ensure orderliness and provide protection in the container.

Suitable for 600×400 mm Newbox Black stackable containers.

Special types

All non-stock items are marked thus 🔴 and
available on request.

Divit 400 MC Divider NB MC

Ext. dimensions: **352x100 mm**	divider 15 mm
Weight: 63 g	H=100 mm / L=400 mm
No. per pack: 50 pcs	

Divit 600 MC Divider NB MC

Ext. dimensions: **552x100 mm**	divider 15 mm
Weight: 100 g	H=100 mm / L=600 mm
No. per pack: 40 pcs	

AUTOMATIC BLACK

The dimensionally stable Automatic Black together with stackable containers (Blackline Futura) is ideal for automated or manual distribution in the ESD-protected non-food sector. However, the trays and tablets also perform well in semi and fully automated operation and protect your conductive electronic components. The design takes into account both the requirements of modern logistics and the opportunities that today's plastics technology has to offer.

Available sizes

Blackline Futura (closed)

Basic dimensions (L×W in mm)	External height (mm)	
400×300	120	175
600×400	120	175/176

Trays and tablets

Basic dimensions (L×W in mm)	External height (mm)	
328×248	50	80
500×330	98	140
600×400	60	
645×485	30	

Special types

All non-stock items are marked thus 🔴 and available on request.

Base types

Flat base 007

Perimeter ribbed base 064
(strengthened 13 mm, low-noise)

Side wall types

Closed wall

Grip types

Shell grip

Standard colour
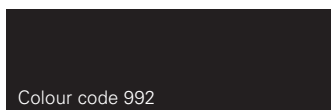
Colour code 992

Black ESD
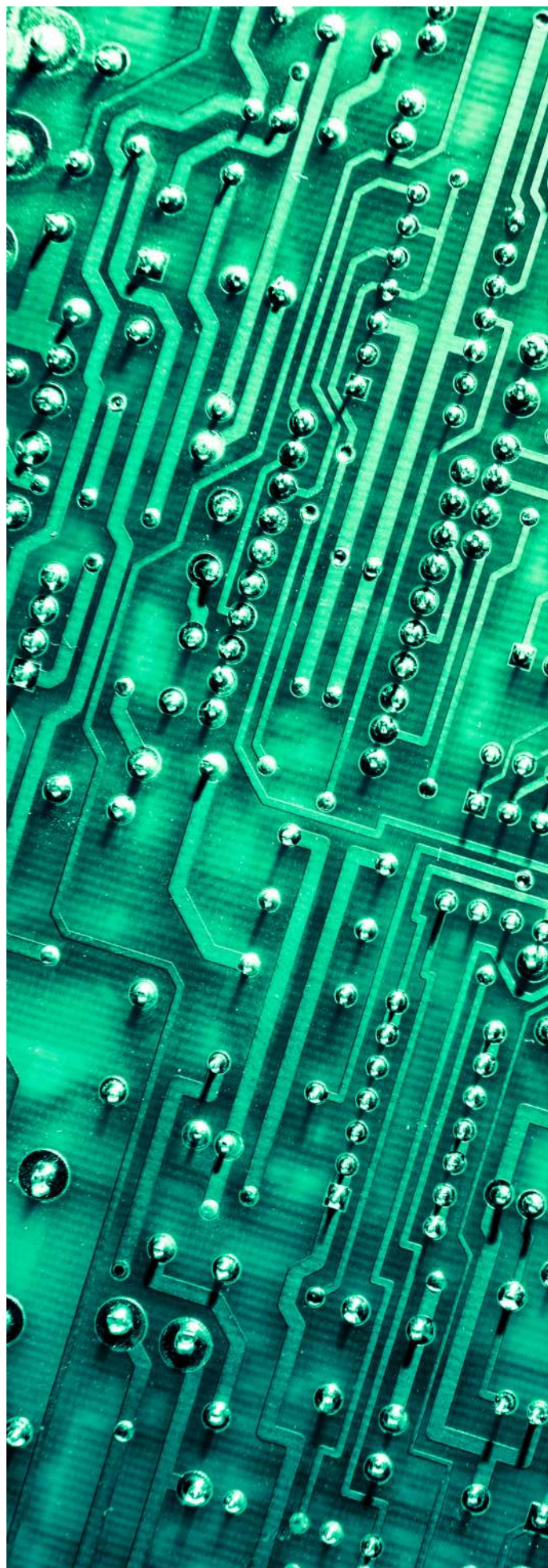
AUTOMATIC BLACK
Containers BL Futura AB MC

The Blackline Futura container is the ESD version of our Automatic Black range. Reinforcements, various handling options and a high degree of dimensional accuracy guarantee trouble-free operation.

These containers run particularly smoothly when being transported on roller conveyors, have optional access openings, and are suitable for both automated and manual handling.

Applications

The Blackline Futura container is ideal for the distribution of ESD-protected non-food products.

Tip

Equipped with the extremely smooth-running and heavy duty **perimeter ribbed base 064,** the Blackline Futura container is perfect for use in fully automated storage systems.

Special types

All non-stock items are marked thus 🔴 and available on request.

4312.060 Container BL Futura

Ext. dimensions:	**400x300x120 mm**	Weight:	1.03 kg
Int. dimensions:	362x262x115 mm	**Closed flat base 007**	
Useable height:	104 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	10.9 l	No. per pallet:	144 pcs

6412.060 Container BL Futura

Ext. dimensions:	**600x400x120 mm**	Weight:	1.74 kg
Int. dimensions:	562x362x115 mm	**Closed flat base 007**	
Useable height:	104 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	23.4 l	No. per pallet:	72 pcs

4317.060 Container BL Futura

Ext. dimensions:	**400x300x175 mm**	Weight:	1.28 kg
Int. dimensions:	362x262x170 mm	**Closed flat base 007**	
Useable height:	159 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	16.1 l	No. per pallet:	96 pcs

6417.060 Container BL Futura

Ext. dimensions:	**600x400x175 mm**	Weight:	2.02 kg
Int. dimensions:	562x362x170 mm	**Closed flat base 007**	
Useable height:	159 mm	Closed walls	
Load capacity:	15 kg	Shell grips	
Volume:	34.6 l	No. per pallet:	48 pcs

NOT IN STOCK

6417.064 Container BL Futura

Ext. dimensions:	**600x400x176 mm**	Weight:	2.36 kg
Int. dimensions:	560x360x160 mm	**Perimeter ribbed base 064**	
Useable height:	147 mm	Closed walls	
Load capacity:	30 kg	Shell grips	
Volume:	33.0 l	No. per pallet:	48 pcs

AUTOMATIC BLACK

Trays and tablets conductive AB MC

The conductive trays and tablets are real all-rounders in semi and fully automated handling systems. They enable the smallest manufacturing tolerances to be achieved in fully automated production cells. In addition, they are dimensionally stable, highly precise and extremely durable. They are available both as standard solutions as well as custom-made products.

Applications

The trays and tablets are ideal for transporting conductive electronic components.

Special types

All non-stock items are marked thus 🔴 and available on request.

5033.098 Ribbed shelf H98

Ext. dimensions:	**500x330x98 mm**
Int. dimensions:	470x300x81 mm
Useable height:	81 mm
Load capacity:	15 kg
Weight:	1.26 kg

Closed flat base
Closed walls
Shell grips
No. per pallet: 100 pcs
smooth inside

6448.030 Logistic-Tray H30

Ext. dimensions:	**645x485x30 mm**
Int. dimensions:	605x445 mm
Useable height:	30 mm
Load capacity:	5 kg
Weight:	1.30 kg

Closed flat base
Closed walls
Handle strips
No. per pallet: 150 pcs

5033.140 Ribbed shelf H140

Ext. dimensions:	**500x330x140 mm**
Int. dimensions:	470x300x123 mm
Useable height:	123 mm
Load capacity:	15 kg
Weight:	1.49 kg

Closed flat base
Closed walls
Shell grips
No. per pallet: 60 pcs
smooth inside

5033.000 Lid

Ext. dimensions:	**500x330 mm**
Weight:	0.54 kg
No. per pallet:	256 pcs

for shelf H98 & H140
accessories for 5033

NOT IN STOCK

3325.050 Dividable shelf H50

Ext. dimensions:	**328x248x50 mm**
Int. dimensions:	316x236x42 mm
Useable height:	42 mm
Load capacity:	15 kg
Weight:	0.31 kg

Closed STR base

Closed walls
No. per pallet: 360 pcs
diviable for 8 units

NOT IN STOCK

2004.002 Short divider

Ext. dimensions:	**242x39 mm**
Weight:	23 g
No. per pack:	750 pcs

for shelf H50 & H80
accessories for 3325

NOT IN STOCK

3325.080 Dividable shelf H80

Ext. dimensions:	**328x248x80 mm**
Int. dimensions:	316x236x72 mm
Useable height:	72 mm
Load capacity:	15 kg
Weight:	0.40 kg

Closed STR base

Closed walls
No. per pallet: 225 pcs
diviable for 8 units

NOT IN STOCK
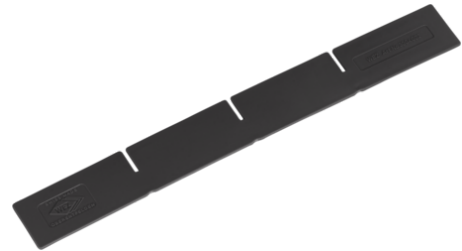
3004.002 Long divider

Ext. dimensions:	**322x39 mm**
Weight:	28 g
No. per pack:	525 pcs

for shelf H50 & H80
accessories for 3325

NOT IN STOCK

3325.000 Lid

Ext. dimensions:	**328x248 mm**
Weight:	167 g
No. per pack:	60 pcs

for shelf H50 & H80
accessories for 3325
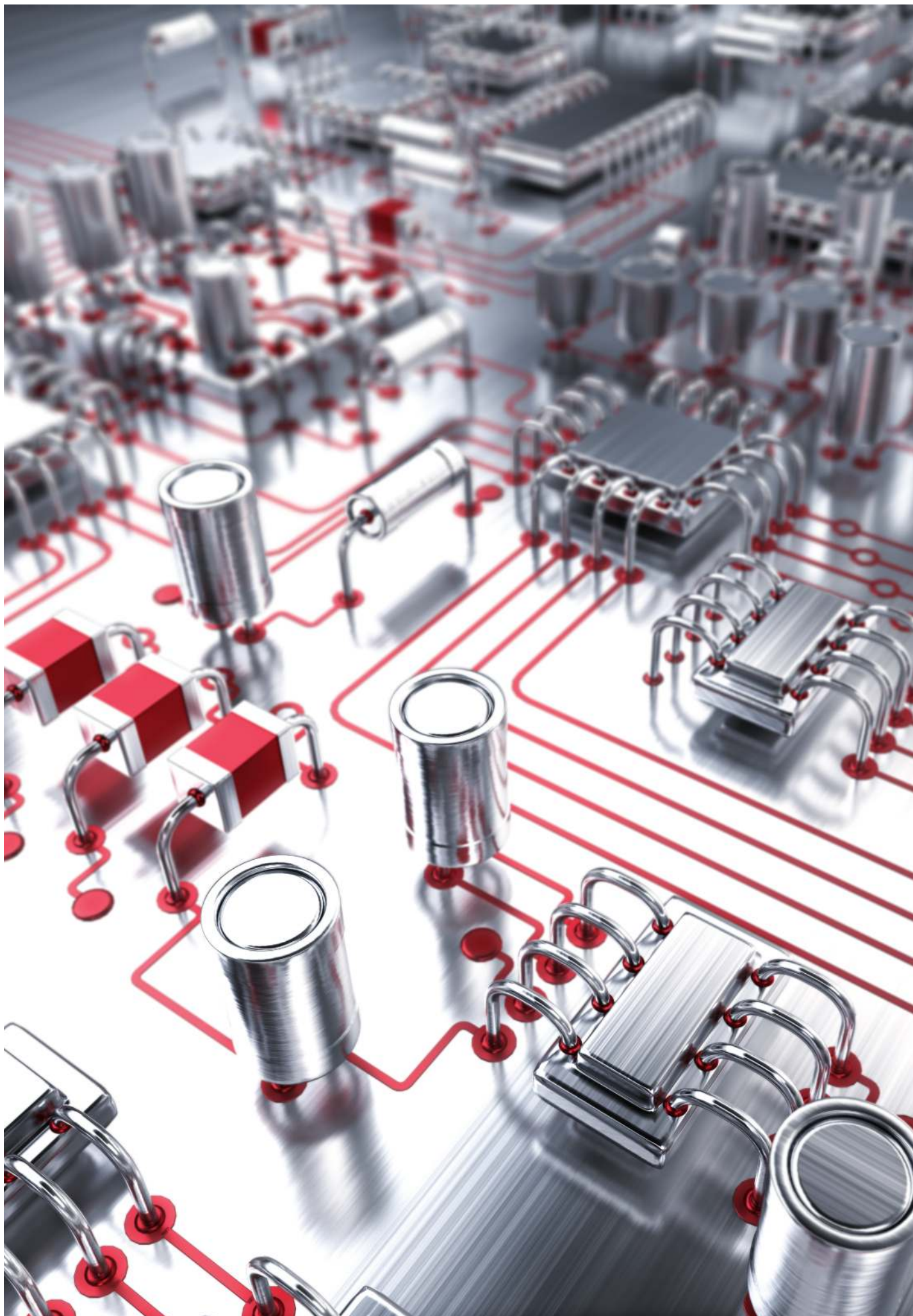
OPEN-FRONTED STORAGE BOXES ESD

CLASSICBOX BLACK

The open-fronted storage boxes of the Classicbox Black range are available in six different sizes and this is ideal for the storage and protection of your electronic components. The Classicbox Black boxes offer lots of space for components, are stackable and the ESD versions are designed to be extremely dimensionally stable.

Special types

All non-stock items are marked thus 🔴 and available on request.

Classicbox Black

Available sizes (L×W×H in mm)	
095×100×050	350×200×145
175×100×075	350×200×200
235×145×125	500×300×200

Material: PP (ESD)

Standard colour

Classicbox Black accessories
CB MC labels

Carrying bar, permanently fitted for more stability.

Standard colour

Colour code 992
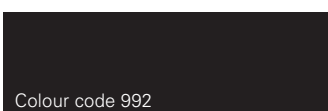
Black ESD

CLASSICBOX BLACK

Open-fronted storage boxes conductive CB MC

Classicbox Black boxes offer an outstanding view of the contents stored. The large and easy to use recessed grips at the front and rear facilitate manual transport. In addition, the smooth underside of the container also ensures quiet movement on the conveyor during automated handling.

Applications

Open-fronted Classicbox Black boxes organise and protect your electronic components and are also perfectly suitable for use with the Kanban method.

Accessories

Practical labels round off the Classicbox Black range.

Tip

We recommend that you also take a look at the section rack systems for open-fronted storage boxes, which leaves almost nothing to be desired where optimal space utilisation is concerned.

Special types

All non-stock items are marked thus 🔴 and available on request.

CB 6 D MC Storage box CB MC

Ext. dimensions:	**95x100x50 mm**
Int. dimensions:	60x87x44 mm
Volume:	0.2 l
Material:	PP
No. per pack:	50 pcs

CB 3 Z MC Storage box CB MC

Ext. dimensions:	**350x200x145 mm**
Int. dimensions:	280x182x127 mm
Volume:	6.5 l
Material:	PP
No. per pack:	12 pcs

CB ET 6/6 D Label for CB / CB MC

Ext. dimensions:	**78x13 mm**
Material:	Paper
No. per pack:	100 pcs

CB ET 3 Z Label for CB / CB MC

Ext. dimensions:	**79x30 mm**
Material:	Paper
No. per pack:	100 pcs

CB 6 MC Storage box CB MC

Ext. dimensions:	**95x100x50 mm**
Int. dimensions:	60x87x44 mm
Volume:	0.2 l
Material:	PP
No. per pack:	50 pcs

CB 3 MC Storage box CB MC

Ext. dimensions:	**350x200x200 mm**
Int. dimensions:	280x182x185 mm
Volume:	9.4 l
Material:	PP
No. per pack:	8 pcs

CB ET 5 Label for CB / CB MC

Ext. dimensions:	**79x20 mm**
Material:	Paper
No. per pack:	100 pcs

CB ET 3 Label for CB / CB MC

Ext. dimensions:	**78x42 mm**
Material:	Paper
No. per pack:	100 pcs

CB 5 MC Storage box CB MC

Ext. dimensions:	**175x100x75 mm**
Int. dimensions:	129x87x68 mm
Volume:	0.8 l
Material:	PP
No. per pack:	40 pcs
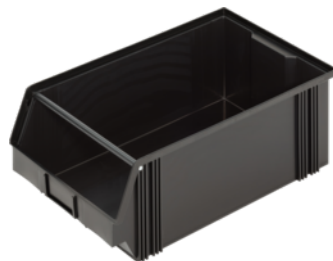
CB 2 MC Storage box CB MC

Ext. dimensions:	**500x300x200 mm**
Int. dimensions:	425x280x183 mm
Volume:	21.8 l
Material:	PP
No. per pack:	6 pcs

CB ET 4 Label for CB / CB MC

Ext. dimensions:	**80x29 mm**
Material:	Paper
No. per pack:	100 pcs

CB ET 2 Label for CB / CB MC

Ext. dimensions:	**81x42 mm**
Material:	Paper
No. per pack:	100 pcs

CB 4 MC Storage box CB MC

Ext. dimensions:	**235x145x125 mm**
Int. dimensions:	180x127x110 mm
Volume:	2.5 l
Material:	PP
No. per pack:	27 pcs

BINS FOR SMALL PARTS ESD
VARIOBOX BLACK   FLIPTOPBOX BLACK

The range of ESD bins for small parts consists of insert boxes (Variobox Black) and hinged boxes (Fliptopbox Black) and protects your electronic components against electrostatic discharge.
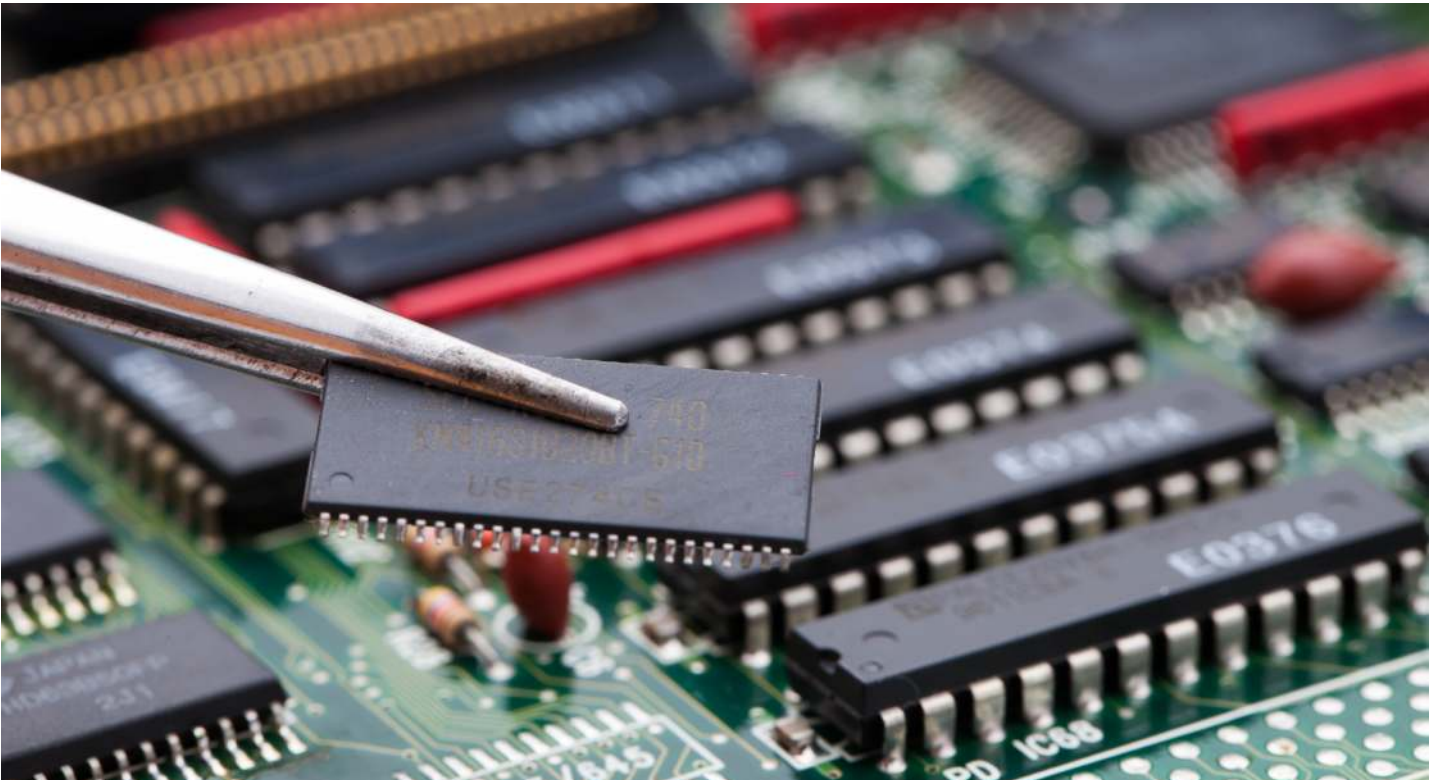
The Variobox Black containers can be preconfigured in the stackable container or also ordered loosely for the specific application. They are ideally suited for storing electronic components in stackable containers, but are also suitable singly and individually coordinated in your drawer or cabinet systems.

The Fliptopbox Black bins also provide protection for electronic parts and additionally are outstandingly suited as presentation boxes or promotional gifts.

Special types
All non-stock items are marked thus 🔴 and available on request.

Variobox Black

Available sizes (L×W×H in mm)	
064×089×055	137×087×110
128×089×055	174×137×110
128×178×055	274×087×110
179×112×055	274×174×110
160×087×070	550×087×110
260×120×070	350×274×110
250×175×095	550×174×110

Material
PP oder PS (ESD)

Fliptopbox Black

Available sizes (L×W×H in mm)
136×087×019
136×087×035
136×087×055
180×140×080
225×125×060

Material
PP (ESD)

Fliptopbox Black

Available sizes (L×W×H in mm)
118×78×20
190×112×20

Material
PP (ESD)

Standard colour
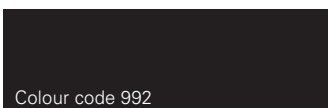
Colour code 992

Black ESD

VARIOBOX BLACK

Insert boxes conductive VB MC

The variable Variobox Black insert boxes ensure reliable storage and safekeeping of small electronic components. The internal radius ensures complete emptying. The cams of the base offer good sliding properties on production chutes and provide a clean support on smooth surfaces. The Variobox Black insert boxes are designed to be conductive and each box can be marked separately.

Applications

The Variobox Black insert boxes protect your electronic components against electrostatic discharge and fit into both the Blackline and the Newbox Black containers.

Arrangements

$1/16$

$1/8$ L

$1/3$

$1/10$

$1/4$

$1/2$

$1/8$

$1/4$ L

$1/2$ L
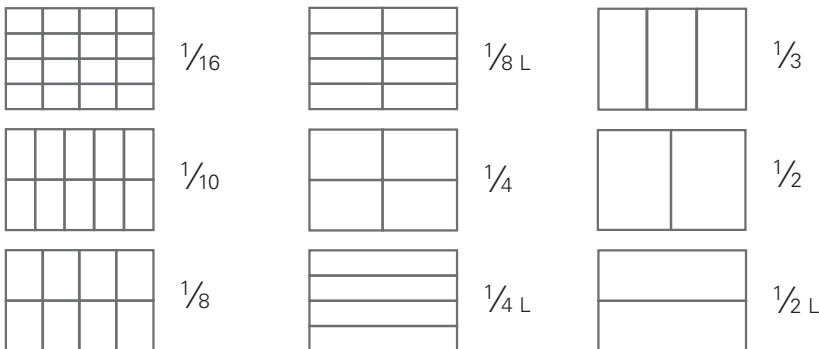
Special types

All non-stock items are marked thus 🏭 and available on request.

1608.070 Insert box VB MC H70

Ext. dimensions:	**160x87x70 mm**
Int. dimensions:	132x60x67 mm
Useable height:	70 mm
Volume:	0.5 l
Weight:	94 g

1/3: 300x200mm

Material:	PP
No. per pallet:	2400 pcs
No. per pack:	60 pcs
division 1/3 stackable	
for container 300x200 mm	

0609.055 Insert box VB MC H55

Ext. dimensions:	**64x89x55 mm**
Int. dimensions:	60x84x52 mm
Useable height:	52 mm
Volume:	0.3 l
Weight:	37 g

1/16: 400x300mm

Material:	PS
No. per pallet:	3696 pcs
No. per pack:	462 pcs
division 1/16	
for container 400x300 mm	

2612.070 Insert box VB MC H70

Ext. dimensions:	**260x120x70 mm**
Int. dimensions:	232x93x67 mm
Useable height:	70 mm
Volume:	1.4 l
Weight:	157 g

1/3: 400x300mm

Material:	PP
No. per pallet:	1200 pcs
No. per pack:	30 pcs
division 1/3 stackable	
for container 400x300 mm	

1309.055 Insert box VB MC H55

Ext. dimensions:	**128x89x55 mm**
Int. dimensions:	124x84x52 mm
Useable height:	52 mm
Volume:	0.5 l
Weight:	63 g

1/8: 400x300mm

Material:	PS
No. per pallet:	1920 pcs
No. per pack:	60 pcs
division 1/8	
for container 400x300 mm	

NOT IN STOCK

2517.095 Insert box VB MC H95

Ext. dimensions:	**250x175x95 mm**
Int. dimensions:	242x158x88 mm
Useable height:	95 mm
Volume:	3.3 l
Weight:	274 g

1/2: 400x300mm

Material:	PP
No. per pallet:	256 pcs
No. per pack:	16 pcs
division 1/2	
for container 400x300 mm	

1318.055 Insert box VB MC H55

Ext. dimensions:	**128x178x55 mm**
Int. dimensions:	124x173x52 mm
Useable height:	52 mm
Volume:	1.1 l
Weight:	100 g

1/4: 400x300mm

Material:	PS
No. per pallet:	960 pcs
No. per pack:	60 pcs
division 1/4	
for container 400x300 mm	

9980.151 Label for VB H55

Ext. dimensions:	**55x10 mm**
Material:	Paper
No. per pack:	3000 pcs

loose packed in a bag
suitable for VB / VB MC H55 (ex 1711)

1711.055 Insert box VB MC H55

Ext. dimensions:	**179x112x55 mm**
Int. dimensions:	173x106x52 mm
Useable height:	55 mm
Volume:	1.0 l
Weight:	110 g

1/10: 600x400mm

Material:	PP
No. per pallet:	1120 pcs
No. per pack:	70 pcs
division 1/10 with divider	
for container 600x400 mm	

1711.011 Loose lid for VB MC 1711

Ext. dimensions:	**179x112 mm**
Weight:	43 g
Material:	PP

No. per pallet:	5888 pcs
No. per pack:	368 pcs
accessories for 1711.055	

1042.002 Divider for VB MC 1711

Ext. dimensions:	**109x42 mm**
Weight:	10 g
Material:	PP

No. per pallet:	84000 pcs
No. per pack:	1500 pcs
accessories for 1711.055	

1308.110 Insert box VB MC H110

Ext. dimensions:	**137x87x110 mm**
Int. dimensions:	132x82x105 mm
Useable height:	105 mm
Volume:	1.1 l
Weight:	150 g

1/16: 600x400mm

Material:	PS
No. per pallet:	768 pcs
No. per pack:	96 pcs
division 1/16	
for container 600x400 mm	

1713.110 Insert box VB MC H110

Ext. dimensions:	**137x174x110 mm**
Int. dimensions:	131x168x105 mm
Useable height:	105 mm
Volume:	2.3 l
Weight:	255 g

1/8: 600x400mm

Material:	PS
No. per pallet:	384 pcs
No. per pack:	48 pcs
division 1/8	
for container 600x400 mm	

2708.110 Insert box VB MC H110

Ext. dimensions:	**274x87x110 mm**
Int. dimensions:	268x82x105 mm
Useable height:	105 mm
Volume:	2.3 l
Weight:	242 g

1/8L: 600x400mm

Material:	PS
No. per pallet:	384 pcs
No. per pack:	48 pcs
division 1/8L	
for container 600x400 mm	

2717.110 Insert box VB MC H110

Ext. dimensions:	**274x174x110 mm**
Int. dimensions:	268x168x105 mm
Useable height:	105 mm
Volume:	4.7 l
Weight:	410 g

1/4: 600x400mm

Material:	PS
No. per pallet:	192 pcs
No. per pack:	24 pcs
division 1/4	
for container 600x400 mm	

3527.110 Insert box VB MC H110

Ext. dimensions:	**274x350x110 mm**
Int. dimensions:	268x344x105 mm
Useable height:	105 mm
Volume:	9.7 l
Weight:	746 g

1/2: 600x400mm

Material:	PS
No. per pallet:	96 pcs
No. per pack:	12 pcs
division 1/2	
for container 600x400 mm	

5508.110 Insert box VB MC H110

Ext. dimensions:	**550x87x110 mm**
Int. dimensions:	544x81x105 mm
Useable height:	105 mm
Volume:	4.6 l
Weight:	511 g

1/4L: 600x400mm

Material:	PS
No. per pallet:	192 pcs
No. per pack:	24 pcs
division 1/4L	
for container 600x400 mm	

5517.110 Insert box VB MC H110

Ext. dimensions:	**550x174x110 mm**
Int. dimensions:	544x168x105 mm
Useable height:	105 mm
Volume:	9.6 l
Weight:	783 g

1/2L: 600x400mm

Material:	PS
No. per pallet:	112 pcs
No. per pack:	14 pcs
division 1/2L	
for container 600x400 mm	

9980.048 Label holder for VB H110

Ext. dimensions:	**74x104 mm**
No. per pack:	150 pcs

suitable for VB / VB MC H110
hard film

FLIPTOPBOX BLACK

Hinged box conductive FTB MC

The ESD version of the Fliptopbox Black hinged box is made from dimensionally stable polypropylene. The range covers a total of seven sizes. You can safely and firmly package your electronic components using a lid and box made from a single piece with a snap lock and integral hinge.

Applications

The conductive Fliptopbox models are ideally suited for safely storing and shipping small electronic parts.

Special types

All non-stock items are marked thus 🔴 and available on request.

1308.014 Hinged box FTB MC

Ext. dimensions:	**136x87x19 mm**	Weight:	47 g
Int. dimensions:	130x80x14 mm	Material:	PP
Useable height:	14 mm	No. per pallet:	5120 pcs
Volume:	0.1 l	No. per pack:	320 pcs

1814.080 Hinged box FTB MC

Ext. dimensions:	**180x140x80 mm**	Weight:	170 g
Int. dimensions:	178x133x78 mm	Material:	PP
Useable height:	78 mm	No. per pallet:	480 pcs
Volume:	1.8 l	No. per pack:	60 pcs

1308.030 Hinged box FTB MC

Ext. dimensions:	**136x87x35 mm**	Weight:	56 g
Int. dimensions:	130x80x30 mm	Material:	PP
Useable height:	30 mm	No. per pallet:	2560 pcs
Volume:	0.3 l	No. per pack:	80 pcs

2212.060 Hinged box FTB MC

Ext. dimensions:	**225x125x60 mm**	Weight:	188 g
Int. dimensions:	221x121x55 mm	Material:	PP
Useable height:	55 mm	No. per pallet:	576 pcs
Volume:	1.5 l	No. per pack:	72 pcs

1308.050 Hinged box FTB MC

Ext. dimensions:	**136x87x55 mm**	Weight:	65 g
Int. dimensions:	130x80x50 mm	Material:	PP
Useable height:	50 mm	No. per pallet:	1792 pcs
Volume:	0.5 l	No. per pack:	56 pcs

NOT IN STOCK

MOS 1 MC Hinged box FTB MC

Ext. dimensions:	**118x78x20 mm**	Weight:	53 g
Int. dimensions:	90x50x15 mm	Material:	PP
Useable height:	15 mm	No. per pallet:	2000 pcs
Volume:	0.1 l	No. per pack:	250 pcs

MOS 2 MC Hinged box FTB MC

Ext. dimensions:	**190x112x20 mm**	Weight:	135 g
Int. dimensions:	162x95x15 mm	Material:	PP
Useable height:	15 mm	No. per pallet:	800 pcs
Volume:	0.1 l	No. per pack:	100 pcs

LABELLING & PRINTING

Our range of possibilities for labelling and printing means there are hardly any limits to customising your containers.
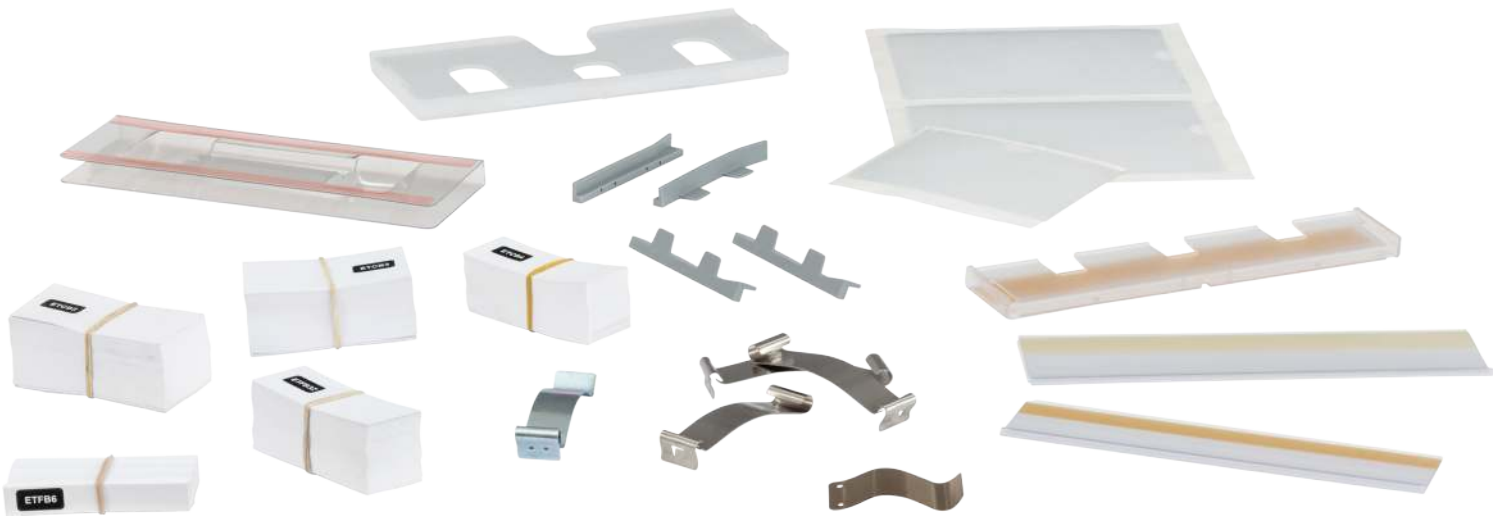
Labelling

This section includes the possible ways of labelling stackable containers of the Logiline, Blackline, Newbox and Newbox Black ranges. You will find labels for other product lines in the respective section.

Printing

Hot-air and injection markings are particularly popular for customising stackable containers and open-fronted storage boxes, and they can also be applied to other product ranges.

Special types

All non-stock items are marked thus 🔴 and available on request.

Examples of use

Label clips

9980.002 / 001

9980.005 / 004

EH 2

Label pockets

9980.050 / 950

9980.039 / 939

Label holders

9980.085 / 086

9980.121 / 821

9980.046 / 045

EH 4

EH 5

EH 6

Printing

For more information, see Printing section.

LABELLING

To provide you with the perfect solution for identification purposes, we offer labels and label clips in various designs that can be individually attached in different ways.

The RFID or barcode-labels are extremely adherent, scratch-resistant and developed especially for transport containers. They are therefore also suitable for cleaning plant and ultrasonic cleaning.

Suitable for

- Logiline
- Blackline
- Newbox
- Newbox Black

Tip

We will gladly make you offer tailored to your specific requirements. Please contact us and we will be very pleased to advise you.

Special types

All non-stock items are marked thus 🔴 and available on request.

9980.002 Label clip LL / BL
Ext. dimensions: **60x30 mm**
Material:	Metal
loose, unassembled
zinc, for riveting
riveted: 9980.001

EH 5 Label holder
Ext. dimensions: **190x42 mm**
Material:	PVC-U
No. per pack:	10 pcs
loose, unassembled
self adhesived

9980.046 Label holder H90 LL / BL
Ext. dimensions: **215x90 mm**
Material:	PP
loose, unassembled
injection molded
assembled: 9980.045

9980.005 Label clip LL / BL
Ext. dimensions: **86x20 mm**
Material:	Metal
loose, unassembled
zinc, to plug on
plugged on: 9980.004

EH 6 Label holder
Ext. dimensions: **210x58 mm**
Material:	PVC-U
No. per pack:	10 pcs
loose, unassembled
self adhesived

9980.047 UK-Clips zu 9980.046
Ext. dimensions: **13x9 mm**
Material:	Spring steel
loose, unassembled
for label holder H90

EH 2 Label clip NB / NB MC
Ext. dimensions: **84x20 mm**
Material:	Metal
No. per pack:	100 pcs
loose, unassembled
zinc, to plug on

9980.121 Label holder H70
Ext. dimensions: **210x70 mm**
Material:	APET
loose, unassembled
vacumn formed, self adhesived
assembled: 9980.821

9980.050 Label pocket
Ext. dimensions: **115x83 mm**
Material:	PVC-P
loose, unassembled
film, self adhesived, ESD-protected
bonded: 9980.950
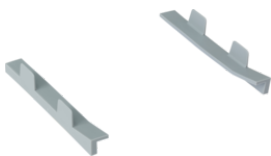
EH 4 Label holder NB / NB MC
Ext. dimensions: **90x10 mm**
Material:	PP
assembled on container
available only with container

9980.085 Label holder H44
Ext. dimensions: **215x44 mm**
Material:	ABS
loose, unassembled
injection molded, self adhesived
assembled: 9980.086

9980.039 Label pocket
Ext. dimensions: **156x115 mm**
Material:	PVC-P
loose, unassembled
film, self adhesived, ESD-protected
bonded: 9980.939

PRINTING

Refine your containers with your logo or your company name. That way you will also create a good impression on the move.

We hot emboss your company logo according to your template or in standard font letters in the following colours:

White 69/77	Yellow PA 973	Orange P963	Green 78/603	Red 70/60	Orange 74/60	Blue 83/60	Black P912	Blue 84/603

It is also possible to carry out marking using injection into the plastic during the production process or also using pad or screen printing.

The durable marking withstands the effects of the production process and the weather and is suitable for modern cleaning plants.

Tip

We will gladly make you offer tailored to your specific requirements. Please contact us and we will be very pleased to advise you.

Examples of use

Hot-embossed marking (with standard lettering)

Hot-embossed marking (with company logo)

Injected marking (with company logo)

STORE ORGANISATION

Products from our Store Organisation range make your internal transport more and protect your goods, and your employees.

Rollboys

Rollboys are an ideal addition for the safe and easy transport of our SGL- and Euro-standard stackable containers (area 600×400 mm). The space-saving rollboys (with or without ESD protection) are made of almost indestructible ABS, are practical, robust and also suitable for heavy loads.

Flore mat

The flore mat grating optimises efficient and reliable shop floor equipment and benefits occupational health and safety and orderliness in equal measure. It is also suitable for use with rollboys.

Special types

All non-stock items are marked thus 🔴 and available on request.
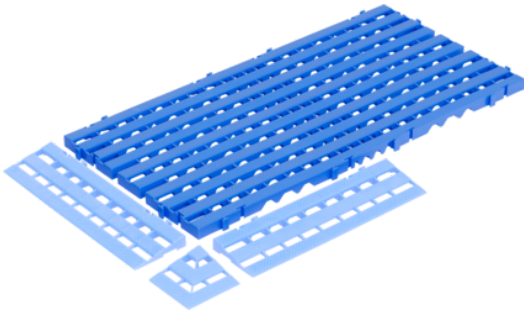
BR Floor mat

Ext. dimensions: **800x400x25 mm**		No. per pallet:	176 pcs
Weight:	1.50 kg	No. per pack:	4 pcs
Material:	PE-LD	indoor, not weather-resistant	
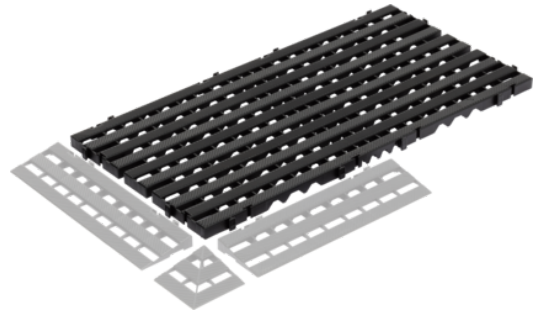
BR MC Floor mat ESD

Ext. dimensions: **800x400x25 mm**		No. per pallet:	176 pcs
Weight:	1.50 kg	No. per pack:	4 pcs
Material:	PP	indoor, not weather-resistant	
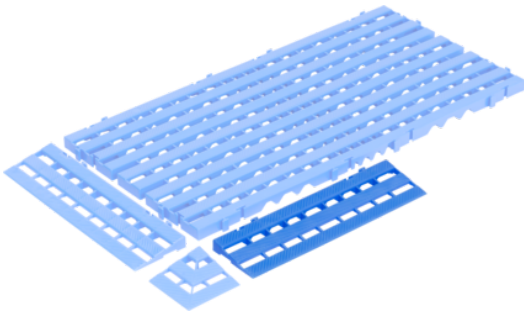
BR A Ramp for floor mat

Ext. dimensions: **400x110x25 mm**		No. per pallet:	960 pcs
Weight:	0.16 kg	No. per pack:	12 pcs
Material:	PE-LD	indoor, not weather-resistant	
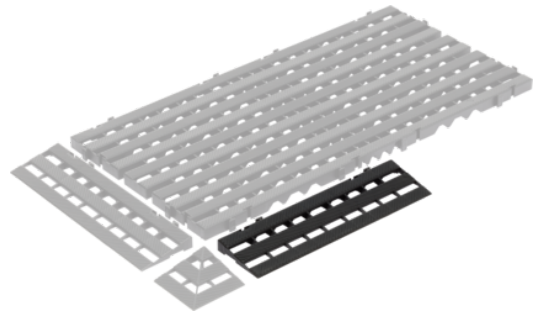
BR A MC Ramp for floor mat ESD

Ext. dimensions: **400x110x25 mm**		No. per pallet:	960 pcs
Weight:	0.16 kg	No. per pack:	12 pcs
Material:	PP	indoor, not weather-resistant	
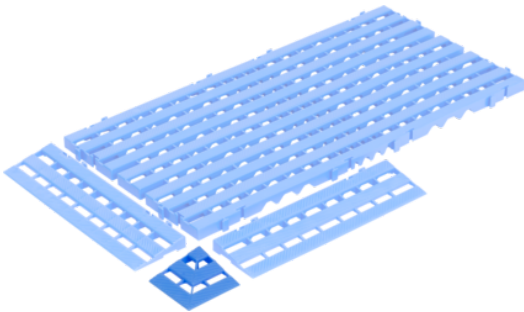
BR E Corner piece for floor mat

Ext. dimensions: **110x110 mm**		No. per pack:	10 pcs
Weight:	0.04 kg	indoor, not weather-resistant	
Material:	PE-LD		
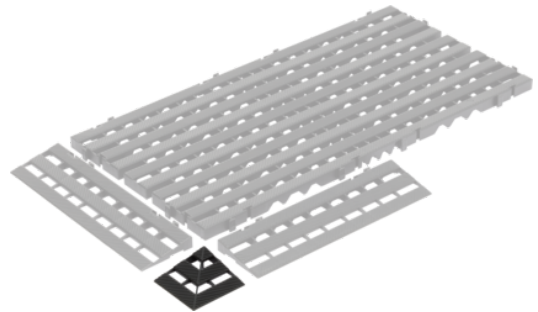
BR E MC Corner piece f. floor mat ESD

Ext. dimensions: **110x110 mm**		No. per pack:	10 pcs
Weight:	0.04 kg	indoor, not weather-resistant	
Material:	PP		
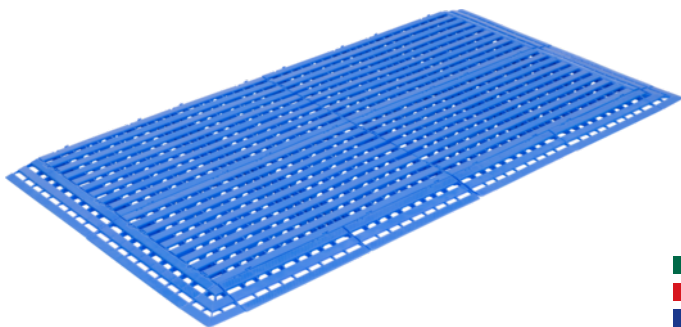
BR K Kit Floor mat kit

Ext. dimensions: **1820x910x25 mm**		No. per pack:	1 pcs
Weight:	7.24 kg	Kit: 4 BR, 8 BR A, 2 BR E	
Material:	PE-LD	indoor, not weather-resistant	

BR K MC Kit Floor mat KIT ESD

Ext. dimensions: **1820x910x25 mm**		No. per pack:	1 pcs
Weight:	7.24 kg	Kit: 4 BR, 8 BR A, 2 BR E	
Material:	PP	indoor, not weather-resistant	

NOT IN STOCK

RB 6242 G KR Transport trolley RB

Ext. dimensions:	**620x420x170 mm**	No. per pallet:	40 pcs
Int. dimensions:	608x408 mm	No. per pack:	1 pcs
Load capacity:	250 kg	closed	
Weight:	3.63 kg	wheels of PP	
Material:	ABS		

6400.005 Transport trolley ESD

Ext. dimensions:	**620x420x170 mm**	No. per pallet:	70 pcs
Int. dimensions:	608x408 mm	No. per pack:	5 pcs
Load capacity:	250 kg	open	
Weight:	4.29 kg	plastic wheels + rubber coating	
Material:	ABS	roles and frames conductive	

RB 6242 G GR Transport trolley RB

Ext. dimensions:	**620x420x170 mm**	No. per pallet:	40 pcs
Int. dimensions:	608x408 mm	No. per pack:	1 pcs
Load capacity:	250 kg	closed	
Weight:	3.63 kg	plastic wheels + rubber coating	
Material:	ABS		
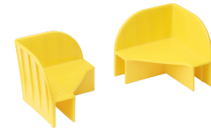
9980.023 Stacking corners

Ext. dimensions:	**100x100x85 mm**	No. per pack:	144 pcs
Weight:	77 g	securing pallet stacking	
Material:	PP	on pallet frames without lid	
No. per pallet:	2304 pcs	loadable to 1000kg per corner	

RB 6242 O KR Transport trolley RB

Ext. dimensions:	**620x420x170 mm**	No. per pallet:	40 pcs
Int. dimensions:	608x408 mm	No. per pack:	1 pcs
Load capacity:	250 kg	open	
Weight:	3.63 kg	wheels of PP	
Material:	ABS		
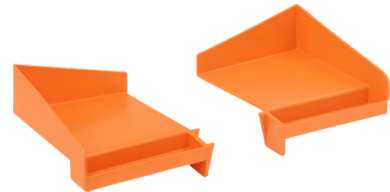
9980.010 Pair of anti-skid protection l/r

Ext. dimensions:	**118x164 mm**	No. per pack:	42 pcs
Weight:	117 g	for internal transport security of	
Material:	PP	EPAL products made of wood	
No. per pallet:	1344 pcs	packed in pairs (= 672 / 21 pairs)	

RB 6242 O GR Transport trolley RB

Ext. dimensions:	**620x420x170 mm**	No. per pallet:	40 pcs
Int. dimensions:	608x408 mm	No. per pack:	1 pcs
Load capacity:	250 kg	open	
Weight:	3.63 kg	plastic wheels + rubber coating	
Material:	ABS		

Stacking corners / anti-skid protection

Stacking corners for wooden and plastic pallet frames and anti-skid protection elements for wooden pallets safeguard your highly valuable and heavy goods without the need for additional fixing or the use of film.

Stacking corners

anti-skid protection

OFFICE ORGANISATION

Our Office Organisation range offers organisation systems and storage solutions for the office with proven quality: products that are robust and have been fully thought through to ensure that you can use your time in the office even more effectively.

Tip

We will gladly make you offer tailored to your specific requirements. Please contact us and we will be very pleased to advise you.

Special types

All non-stock items are marked thus 🔴 and available on request.

0540.015 Round rubbish bin

Ext. dimensions:	**Ø250xH400 mm**	
Weight:	0.82 kg	
Material:	PS	

No. per pallet:	108 pcs
slightly conical with brim	
15 liter	

0540.040 Square rubbish bin

Ext. dimensions:	**235x330x530 mm**	
Weight:	1.64 kg	
Material:	PP rec.	

No. per pallet:	90 pcs
conical with 2 grip openings	
40 liter	

0615.036 Round rubbish bin

Ext. dimensions:	**Ø330xH500 mm**	
Weight:	1.41 kg	
Material:	PP	
No. per pallet:	90 pcs	

conical with 2 grip openings, no lid	
36 liter	
Option: red lid 0615.100.	

0540.040 Square rubbish bin ESD

Ext. dimensions:	**235x330x530 mm**	
Weight:	1.64 kg	
Material:	PP	

No. per pallet:	90 pcs
conical with 2 grip openings	
40 liter	

0615.100 Collar for 0615.036

Weight:	0.32 kg	
Material:	PS	

No. per pallet:	848 pcs
No. per pack:	53 pcs

3526.060 Letter tray A4 ESD

Ext. dimensions:	**343x258x53 mm**	
Weight:	0.36 kg	
Material:	PS	

No. per pallet:	224 pcs
No. per pack:	14 pcs
suitable for letter tray lengthwise	

2921.060 Universal tray

Ext. dimensions: **287x208x60 mm**		No. per pallet:	1000 pcs
Weight:	0.27 kg	No. per pack:	20 pcs
Material:	PP		

0025.000 Slide U 250mm

Ext. dimensions: **250 mm**		> drawer 290x210, lengthwise fitting
Material:	PVC	> trays 360x290, cross drawers
No. per pallet:	300 pcs	

3629.060 Universal tray

Ext. dimensions: **356x287x60 mm**		No. per pallet:	480 pcs
Weight:	0.43 kg	No. per pack:	20 pcs
Material:	PP		

0032.000 Slide U 320mm

| Ext. dimensions: **320 mm** | | No. per pallet: | 300 pcs |
| Material: | PVC | > drawer 360x290, lengthwise fitting |

4836.100 Universal tray

Ext. dimensions: **476x358x100 mm**		No. per pallet:	300 pcs
Weight:	0.82 kg	No. per pack:	20 pcs
Material:	PP TV20%		

0044.000 Slide U 440mm

Ext. dimensions: **440 mm**		> drawer 480x360, lengthwise fitting
Material:	PVC	> trays 480x360, cross drawers
No. per pallet:	300 pcs	

References

ALGRA GROUP

DECTRIS

GAMPER
Gemüsekulturen

intercable

ARISTON
THERMO GROUP

Emmi

HARTING
®

Pushing Performance

KAISER+KRAFT
ALLES FÜR DIE FIRMA.

BayWa Bau & Garten
Hier bin ich gern

fischer
innovative solutions

HELLWEG
Die Profi-Baumärkte IDEEN MUSS MAN HABEN

KISTLER
measure. analyze. innovate.

Continental
The Future in Motion

Flotec

Husqvarna
Group

Landi

List of abbreviations / glossary

In alphabetical order

Codes for base, wall and grip types

000	Closed base (SGL)
007	Closed flat base
25x/45x	Perforated base (SGL)
004	Ribbed base (12.0 mm)
611	Ribbed base (18.5 mm)
626	Ribbed base (15.0 mm)
624	Perimeter ribbed base (15.0 mm)
064	Low-noise, perimeter ribbed base (13.0 mm)
530	Slitted base, reverse stackable (SGL)
STR	Stackable corrugated base
UST	Reverse stackable base
V1	Closed flat base
V3	Perforated flat base
V4	Ribbed base (12.0 mm)
V6	Integrated system base (modularly stackable)

x00	Closed walls
x07	Closed walls
25x/45x	Perforated walls
VI	Walls with one front end open (Vista)
V1	Closed walls
V2	Perforated walls
V5	Walls with one front end open
V7	Walls with one long side open

0xx	Without open grips
2xx	2 open grips
4xx	4 open grips
SM	Without open grips (senza maniglie)
2M	2 open grips (2 maniglie) or 2 carrying grips
3M	3 open grips (3 maniglie)

Codes for product groups (brands)

AB	Automatic Box
AB MC	Automatic Box Black
BL	Blackline
BM	Box Mobil
CB	Classic Box
CB MC	Classic Box Black
FA	Futura
FB	Food Box
FTB	Flip Top Box
FTB MC	Flip Top Box Black
LA	Labelling
LB	Lagerbox
LL	Logiline
MB	Minibox
NB	Newbox
NB MC	Newbox Black
OO	Office Organisation
PA	Printorama
PH	PCB holder
PR	Printing
RS	Rack-System
SB	Systembox
SD	Stand
SDP	Standplus
SO	Store Organisation
ST	Stala
VB	Variobox
VB MC	Variobox Black

Codes for products

A	Ramp
AHS	Hanging rail
AR	Additional frame
AS	Pull-out stop
B	Big or Box
BR	Floor mat
C	Complett
D	Lid or Double
DIVIT	Divider
DR	Double rack
E	Simple, One piece or Slot-in rack
EH	Labelling
ER	Simple rack
ET	Labels
F	Flexi
FB	Shelf
FS CH	Folding/sliding cabinet
FS CHT	Folding/sliding counter
G	Basic rack/frame or Closed
GR	Basic rack/frame or Rubber roll
G2	Official container for vegetable producers (CH)
Hxx	Product height
K	Kit
KR	Plastic rolls
LT	Length divider
M	Mobile or Magazine
MG	Large magazine
NBC	Newbox lid (Coperchio)
O	Open
OSB	Open-fronted storage box
P	Perfect
PC	Plastic case
QT	Cross divider
RB	Rollboy
S	Sliding closure or Set
SC	Snap closure or Scanner plate
SE	Shop-adjustable rack
SG	Without hinge (Senza Gancio)
SH	Wall rack (StellingHoogte)
SR	Movable rack
SS	Screen
T	Top
TR	Transparent
TRP	Transport safety bracket
TW	Divider
U	U profile
USG	Large insert box for drawer systems
USN	Small insert box for drawer systems
xxxx	The first four digits of numerical type codes usually mean LxWxH (LxW = external dimensions /H = stacking or external height)
Z	Intermediate height

Sundries

H/H1/H2	Product designation according to SGL standardisation
MC	Conductive material (Materiale Conduttivo)
ESD	Electrostatic discharge
PCB	Printed circuit board
SBC	Swiss association of bakers and confectioners
SGL	Swiss Logistics Association

Chemical resistance list

Definitions and abbreviations

Codes

a = Very good resistance
When exposed for more than 30 days no, or minor damage.

b = Resistant
In case of prolonged exposure, depending on the type of plastic (hair cracking, mechanical strength, discoloration, etc.).

c = Inconsistent
Can destroy the plastic, deformation can occur.

Substances listed in German only.

Plastics

ABS	Acrylonitrile butadiene styrene copolymer
PA	Polyamide
PC	Polycarbonate
PE-HD	High density polyethylene (hard)
PE-LD	Low density polyethylene (soft)
POM	Polyoxymethylene
PP	Polypropylene
PS	Polystyrene
PUR	Polyurethane
PVC-P	Soft-PVC moulding compound (plasticized)
PVC-U	Hard-PVC moulding compound (unplasticized)
SAN	Styrene acrylonitrile copolymer

Substance	Concentration %	Temperature °C	ABS	PA	PC	PE-HD	PE-LD	POM	PP	PS	PUR	PVC-P	PVC-U	SAN
Acetaldehyd	100	20	b	c	b	a	b	a	b	c	c	c	c	c
Acetamid	100	20	a	a	c	a	a	a	a	a	a	c	c	a
Acetanhydrid	100	20	c	c	c	b	c	c	b	c	c	c	c	c
Aceton	100	20	c	a	c	a	a	b	a	c	a	c	c	c
Acetonitril	100	20	c	a	c	a	a	c	c	c	c	c	c	c
Acetophenon	100	20	c	c	c	a	a	a	a	c	c	c	c	c
2-Acetoxybenzoesäure	100	20	a	a	a	a	a	c	a	a	a	b	b	a
Acetylchlorid	100	20	c	b	c	b	b	c	b	c	c	c	c	c
Acetylentetrachlorid	100	20	c	a	c	b	c	a	c	c	a	c	c	c
Acetylsalicylsäure	100	20	a	a	a	a	a	c	a	a	a	b	b	a
Acrylnitril	100	20	c	a	c	a	a	c	b	c	c	c	c	c
Acrylonitril	100	20	c	a	c	a	a	c	b	c	c	c	c	c
Acrylsäurebutylester	100	20	c	a	c	a	a	c	b	c	c	c	c	c
Acrylsäureethylester	100	20	c	a	c	a	a	c	b	c	c	c	c	c
Acrylsäurenitril	100	20	c	a	c	a	a	c	b	c	c	c	c	c
Adipinsäure	100	20	b	a	a	a	a	b	a	a	b	a	a	b
Alaun	100	20	a	c	a	a	a	b	a	b	b	a	a	a
Alkohol	100	20	b	c	a	a	a	a	a	b	a	b	a	b
Allylacetat	100	20	b	c	b	a	a	b	a	b	b	b	b	b
Allylalkohol	100	20	b	c	b	a	a	b	a	b	b	b	b	b
Allylchlorid	100	20	c	c	c	b	b	c	b	c	c	c	c	c
Aluminiumacetat	100	20	a	a	a	a	a	b	a	b	b	a	a	a
Aluminiumchlorid	100	20	a	b	a	a	a	a	a	a	a	a	a	b
Aluminiumouorid	100	20	a	a	b	a	a	c	a	b	a	a	a	b
Aluminiumhydroxid	100	20	b	a	b	a	a	a	a	b	b	a	a	b
Aluminiumhydroxidacetat	100	20	a	a	a	a	a	b	a	b	b	a	a	a
Aluminiumnitrat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Aluminiumoxid	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Aluminiumsulfat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Aluminiumtrichlorid	100	20	a	b	a	a	a	a	a	a	a	a	a	b
Ameisensäure	100	20	c	c	a	a	a	b	a	a	b	b	b	b
Ameisensäureamid	100	20	c	b	a	a	a	a	a	c	b	b	b	c
Aminobenzol	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Aminoessigsäure	10	20	a	a	a	a	a	b	a	a	a	a	a	a
Aminomethan	100	20	b	c	c	a	b	a	a	b	c	c	b	b
Ammoniak	100	20	c	b	c	a	a	c	a	b	c	b	a	b
Ammoniumacetat	50	20	a	a	a	a	a	a	a	a	a	a	a	a
Ammoniumalaun	100	20	b	a	a	a	a	c	a	b	a	a	a	a
Ammoniumaluminiumsulfat	100	20	b	a	a	a	a	c	a	b	a	a	a	b
Ammoniumbicarbonat	100	20	a	a	b	a	a	a	a	a	a	a	a	a
Ammoniumbiphosphat	100	20	a	c	b	a	a	b	a	a	b	a	a	a
Ammoniumcarbonat	100	20	a	a	a	a	a	b	c	a	a	a	b	b
Ammoniumchlorid	100	20	a	b	a	a	a	c	a	a	a	a	a	a
Ammoniumdihydrogenphosphat	100	20	a	c	b	a	a	b	a	a	b	a	a	a
Ammoniumouorid	100	20	a	b	a	a	a	c	a	a	a	a	a	a
Ammoniumhydrogencarbonat	100	20	a	a	b	a	a	a	a	a	a	a	a	a
di-Ammoniumhydrogenphosphat	100	20	a	c	b	a	a	b	a	a	b	a	a	a
Ammoniumhydroxid	25	20	c	b	c	a	a	c	a	b	c	b	a	b
Ammoniumnitrat	100	20	b	b	b	a	a	a	a	a	b	b	a	a	b
Ammoniumoxalat	100	20	a	b	a	a	a	b	a	a	a	b	a	a
Ammoniumperoxodisulfat	100	20	a	c	b	a	a	c	a	a	b	a	a	a
Ammoniumpersulfat	100	20	a	c	b	a	a	c	a	a	b	a	a	a
mono-Ammoniumphosphat	100	20	a	c	b	a	a	b	a	a	b	a	a	a
Ammoniumsulfat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Ammoniumsulod	100	20	b	a	a	a	a	c	a	b	a	a	a	b
Ammonnitrat	100	20	b	b	b	a	a	a	a	b	b	a	a	b
Ammonsalpeter	100	20	b	b	b	a	a	a	a	b	b	a	a	b
Ammonsulfat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Amylacetat	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Amylalkohol	100	20	a	b	b	a	a	a	a	a	b	b	b	a
Anilin	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Anisol	100	20	c	a	c	b	b	c	b	c	c	c	c	c
Anon	100	20	c	a	c	b	c	b	c	c	c	c	c	c
Antimon(III)-chlorid	100	20	a	c	a	a	b	b	a	a	a	a	a	a
Antimontrichlorid	100	20	a	c	a	a	b	b	a	a	a	a	a	a
Aqua Regia	100	20	c	c	c	c	c	c	c	c	c	c	c	c
Arsen(V)-oxid Hydrat	100	20	a	b	a	a	b	c	a	a	b	a	a	a
Arsensäure	100	20	a	b	a	a	b	c	a	a	b	a	a	a
Ätzbaryt	100	20	a	a	c	a	b	c	b	a	a	a	a	a
Ätznatron	100	20	b	b	c	a	a	c	a	b	b	b	b	b
Bariumcarbonat	100	20	a	a	a	a	b	a	a	a	a	a	a	a
Bariumchlorid	100	20	a	a	a	a	b	a	a	a	a	a	a	a
Bariumhydroxid	100	20	a	a	c	a	b	c	b	a	a	a	a	a
Bariumsulfat	100	20	a	a	c	a	b	b	a	b	a	a	b	b	a
Bariumsulod	100	20	a	a	c	a	b	a	b	a	a	a	a	a
Barythydrat	100	20	a	a	c	a	b	c	b	a	a	a	a	a
Benzaldehyd	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Benzin	100	20	c	a	a	a	b	b	b	c	a	c	c	c
Benzoesäure	100	20	b	c	a	a	a	b	a	a	a	a	b	b
Benzol	100	20	c	a	c	b	b	a	b	c	c	c	c	c
1,3-Benzoldiol	50	20	b	c	b	a	a	a	a	b	b	b	b	b
Benzolmonochlorid	100	20	c	a	c	b	c	c	b	c	c	c	c	c
Benzolsulfonsäure	100	20	c	c	c	a	a	b	b	c	c	c	c	c
Benzoylchlorid	100	20	c	c	c	b	b	a	c	c	c	b	b	c

Substance	Concentration %	Temperature °C	ABS	PA	PC	PE-HD	PE-LD	POM	PP	PS	PUR	PVC-P	PVC-U	SAN
Benzylacetat	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Benzylalkohol	100	20	c	c	b	b	c	a	c	b	c	b	c	c
Benzylchlorid	100	20	c	c	c	b	b	a	c	c	c	b	b	c
Bernsteinsäure	100	20	c	a	a	a	a	c	a	c	a	a	a	c
Bis-(2-hydroxyethyl)amin	100	20	b	a	c	b	c	b	a	b	b	c	c	b
Bis-(2-hydroxyethyl)ether	100	20	b	a	b	a	a	a	a	b	b	b	b	b
Bis-(hydroxypropyl)ether	100	20	a	a	b	a	a	a	a	a	b	b	b	a
Blausäure	100	20	b	b	a	a	a	b	a	b	b	b	a	b
Blei(II)-acetat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Bleizucker	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Blutlaugensalz gelb	100	20	a	b	b	a	a	b	a	a	a	b	b	a
Blutlaugensalz rot	100	20	a	b	b	a	a	b	a	a	a	b	b	a
Borax	100	20	a	a	a	a	a	b	a	a	a	a	a	a
2-Bornanon	100	20	b	a	a	a	a	a	a	b	a	c	b	b
Borsäure	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Brennsprit	100	20	b	c	a	a	a	a	a	b	a	b	a	b
Brom	100	20	c	c	c	c	c	c	c	c	c	c	b	c
Brommethan	100	20	c	b	c	b	b	c	b	c	c	c	c	c
Bromwasserstoffsäure	25	20	c	c	b	a	a	c	a	c	b	b	b	c
1,3-Butadien	100	20	c	b	c	b	c	a	c	c	a	c	b	c
Butan	100	20	b	a	c	a	b	b	a	b	a	b	a	b
1,4-Butandicarbonsäure	100	20	b	a	a	a	a	b	a	b	a	b	a	b
1,2-Butandiol	100	20	a	a	b	a	a	a	a	a	b	c	c	a
Butandisäure	100	20	c	a	a	a	a	c	a	c	a	a	a	c
Butanol	100	20	a	b	b	a	a	a	a	a	b	b	b	a
2-Butanon	100	20	c	a	c	a	a	b	a	c	c	c	c	c
Butansäure	100	20	c	b	c	b	c	a	c	c	c	c	b	c
Butendisäure	100	20	b	b	c	a	b	b	a	b	c	a	a	b
Buttersäure	100	20	c	b	c	b	c	a	c	c	c	c	b	c
Butylacetat	100	20	c	a	c	a	b	a	b	c	c	c	c	c
Butylacrylat	100	20	c	a	c	a	a	c	b	c	c	c	c	c
Butylalkohol	100	20	a	b	b	a	a	a	a	a	b	b	b	a
1,2-Butylenglykol	100	20	a	a	b	a	a	a	a	a	b	c	c	a
Butylether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
2-tert.-Butylphenol	100	20	c	c	c	b	b	c	b	c	c	b	b	c
Calciumacetat	100	20	b	a	b	a	a	b	a	b	a	a	a	b
Calciumcarbonat	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Calciumchlorid	100	20	b	a	a	a	b	c	a	b	a	a	a	b
Calciumhydroxid	100	20	b	a	c	a	a	c	a	b	b	a	a	b
Calciumhypochlorit	100	20	b	c	c	a	a	c	a	b	a	b	b	b
Calciumnitrat	100	20	a	a	a	a	a	c	a	a	a	a	a	a
Calciumoxid	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Calciumsulfat	100	20	c	c	a	a	a	c	a	c	a	a	a	c
Campher	100	20	b	a	a	a	a	a	a	b	a	c	b	b
Carbamid	100	20	b	a	c	a	a	a	a	a	a	b	b	a
Carbolsäure	100	20	c	c	c	c	c	c	c	c	c	b	b	c
Cetylalkohol	100	20	a	a	b	a	a	b	a	a	b	b	b	a
Chlor	100	20	c	c	b	a	b	c	b	c	c	a	a	c
3-Chlor-1-propen	100	20	c	c	c	b	b	c	b	c	c	c	c	c
Chloralhydrat	100	20	c	c	b	b	b	c	b	c	c	b	a	c
Chlorbenzol	100	20	c	a	c	b	c	c	b	c	c	c	c	c
Chloressigsäure	100	20	b	c	c	a	a	c	a	b	c	c	b	b
Chlorethan	100	20	c	b	c	b	b	a	b	c	c	c	c	c
2-Chlorethanol	100	20	c	c	c	b	b	c	b	c	c	c	c	c
Chlorethylen	100	20	c	c	c	b	c	c	c	c	c	c	c	c
Chlormethan	100	20	c	b	c	a	a	b	b	c	b	c	c	c
Chloroform	100	20	c	b	c	a	a	a	a	c	c	c	c	c
Chlorsäure	25	20	c	c	b	a	a	b	a	c	a	c	a	c
Chlorsulfonsäure	100	20	c	c	c	c	c	c	c	c	c	c	c	c
Chlortoluol	100	20	c	c	c	b	b	a	c	c	c	b	b	c
Chrom(VI)-oxid	100	20	b	c	b	a	b	a	b	a	b	c	b	b
Chromsäureanhydrid	100	20	b	c	b	a	b	a	b	a	b	c	b	b
Chromschwefelsäure	100	20	c	c	c	b	b	c	b	c	c	c	b	c
Chromtrioxid	100	20	b	c	b	a	b	a	b	a	b	c	b	b
Citronensäure	100	20	a	c	a	a	a	b	a	a	a	b	b	a
Cumol	100	20	c	a	c	b	b	c	b	c	c	c	c	c
Cyanwasserstoff	100	20	b	b	a	a	a	b	a	b	b	a	a	b
Cyclohexan	100	20	c	a	a	a	b	b	b	c	b	c	b	c
Cyclohexanol	100	20	c	a	a	a	b	b	b	c	b	c	b	c
Cyclohexanon	100	20	c	a	c	b	c	c	c	c	c	c	c	c
Cyclohexylalkohol	100	20	c	a	a	b	b	b	b	c	b	c	b	c
Decahydronaphtalin	100	20	c	a	c	a	b	a	b	c	c	c	a	c
Decalin	100	20	c	a	c	a	b	a	b	c	c	a	a	c
Decan	100	20	b	a	b	b	b	b	b	b	b	b	b	a
DEHP	100	20	c	a	b	a	a	a	a	c	b	c	b	c
Dextrin	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Dextrose	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Diacetonalkohol	100	20	b	c	c	a	b	b	a	b	c	c	c	b
1,2-Diaminoethan	100	20	c	c	a	a	a	c	a	c	b	c	c	c
Diammoniumsulfat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Dibutylether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
1,2-Dichlorbenzol	100	20	c	a	c	b	c	c	c	b	c	c	c	c
Dichloressigsäure	100	20	b	c	c	a	a	c	a	b	c	c	b	b
1,2-Dichlorethan	100	20	c	a	c	c	c	a	c	c	c	c	b	c

Substance	Concentration %	Temperature °C	ABS	PA	PC	PE-HD	PE-LD	POM	PP	PS	PUR	PVC-P	PVC-U	SAN
Dichlormethan	100	20	c	b	c	a	b	b	b	c	c	c	c	c
Dieselkraftstoff	100	20	c	a	b	b	b	a	a	c	b	c	b	c
Diethanolamin	100	20	b	a	c	b	c	b	a	b	b	c	c	b
Diethylamin	100	20	b	a	c	b	c	b	a	b	b	c	c	b
Diethylenglykol	100	20	b	a	b	a	a	a	a	b	b	b	b	b
Diethylenoxid	100	20	c	a	b	b	b	b	b	c	b	b	b	c
Diethylether	100	20	c	a	c	b	c	c	c	c	c	c	c	c
Diethylhexylphthalat	100	20	c	a	b	a	a	a	a	c	b	c	b	c
Diethylketon	100	20	c	a	c	b	b	c	b	c	b	c	c	c
Diglykol	100	20	b	a	b	a	a	a	a	b	b	b	b	b
1,4-Dihydroxybenzol	100	20	c	c	c	a	a	a	a	c	c	c	b	c
1,3-Dihydroxybenzol	50	20	b	c	b	a	a	a	a	b	b	b	b	b
Diisobutylketon	100	20	c	a	c	b	b	c	b	c	b	c	c	c
2,6-Dimethyl-4-heptanon	100	20	c	a	c	b	b	c	b	c	b	c	c	c
Dimethylamin	100	20	b	a	c	b	c	b	a	b	b	c	c	b
1,4-Dimethylbenzol	100	20	c	a	c	b	b	b	b	c	a	c	c	c
Dimethylether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
N,N-Dimethylformamid	100	20	c	b	c	a	a	c	a	c	c	c	b	c
Dimethylsulfoxid	100	20	a	a	c	a	a	a	a	a	c	c	c	a
Dinatriumtetraborat	100	20	a	a	a	a	a	b	a	a	a	a	a	a
Dioxan	100	20	c	a	b	b	b	b	b	c	b	c	b	c
Diphenylether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
Diphenyloxid	100	20	c	a	c	b	c	c	c	c	c	c	b	c
Dipropylenglykol	100	20	a	a	b	a	a	a	a	a	b	b	b	a
Distickstoffoxid	100	20	c	b	c	b	c	b	b	c	c	c	c	c
DMF	100	20	c	b	c	a	a	c	a	c	c	c	b	c
DMSO	100	20	a	a	c	a	a	a	a	a	c	c	c	a
Eisen(II)sulfat	100	20	a	a	a	a	a	b	a	a	a	a	a	a
Eisen(III)chlorid	100	20	a	a	a	a	a	b	a	b	a	a	a	a
Eisen(III)nitrat	100	20	a	a	a	a	a	b	a	a	a	a	a	a
Eisenperchlorid	100	20	a	a	a	a	a	b	a	a	a	a	a	a
Eisessig	100	20	b	c	b	a	a	c	a	b	b	b	a	b
Erdöl	100	20	c	a	b	b	c	c	b	c	a	c	b	c
Essigester	100	20	c	a	c	b	b	b	b	c	b	c	c	c
Essigsäure	100	20	b	c	b	a	a	c	a	b	b	b	a	b
Essigsaure Tonerde	100	20	a	a	a	a	a	b	a	b	b	a	a	a
Essigsäurealdehyd	100	20	b	c	b	a	b	a	b	c	c	c	c	c
Essigsäureallylester	100	20	b	c	b	a	a	b	a	b	b	b	b	b
Essigsäureamid	100	20	a	a	c	a	a	a	a	a	a	c	c	a
Essigsäureanhydrid	100	20	c	c	c	b	c	c	c	b	c	c	c	c
Essigsäurebenzylester	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Essigsäurebutylester	100	20	c	a	c	a	b	a	b	c	c	c	c	c
Essigsäurechlorid	100	20	c	b	c	b	b	c	b	c	c	c	c	c
Essigsäureethylester	100	20	c	a	c	b	b	b	b	c	b	c	c	c
Essigsäuremethylester	100	20	c	a	c	b	b	b	b	c	b	c	c	c
Essigsäurepentylester	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Essigsäurevinylester	100	20	c	c	c	b	c	c	c	c	c	c	c	c
Ethanal	100	20	b	c	b	a	b	a	b	c	c	c	c	c
1,2-Ethandiol	100	20	a	a	b	a	a	b	a	a	b	b	a	a
Ethandisäure	100	20	c	a	b	b	c	a	b	c	b	a	a	c
Ethanol	100	20	b	c	a	a	a	a	a	b	a	b	a	b
Ethansäure	100	20	b	c	b	a	a	c	a	b	b	b	a	b
Ether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
Ethylacetat	100	20	c	a	c	b	b	b	b	c	b	c	c	c
Ethylacrylat	100	20	c	a	c	a	a	c	b	c	c	c	c	c
Ethylaldehyd	100	20	b	c	b	a	b	a	b	c	c	c	c	c
Ethylalkohol	100	20	b	c	a	a	a	a	a	b	a	b	a	b
Ethylbenzol	100	20	c	a	c	b	b	c	b	c	c	c	c	c
Ethylchlorid	100	20	c	b	c	b	b	a	b	c	c	c	c	c
Ethylenchlorhydrin	100	20	c	c	c	b	b	c	b	c	c	c	c	c
Ethylenchlorid	100	20	c	a	c	c	c	a	c	c	c	c	b	c
Ethylendiamin	100	20	c	c	a	a	a	c	a	c	b	c	c	c
Ethylenglykol	100	20	a	a	b	a	a	b	a	a	b	b	a	a
Ethylenglykolethylether	100	20	c	c	b	a	b	a	b	c	c	c	b	c
Ethylenoxid	100	20	c	a	b	a	b	c	b	c	b	b	b	c
Ethylentetrachlorid	100	20	c	a	c	b	c	a	c	c	a	c	c	c
Ethylentrichlorid	100	20	c	a	c	b	c	c	c	c	b	c	c	c
Ethylether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
Ethylmethylketon	100	20	c	a	c	a	a	c	a	c	c	c	c	c
Ferrisulfat	100	20	a	a	a	a	a	b	a	a	a	a	a	a
Fette Öle	100	20	a	a	b	a	a	a	a	a	a	b	a	a
Flugbenzin	100	20	c	a	a	b	b	a	a	c	a	c	a	c
Fluorkieselsäure	100	20	a	c	b	a	a	a	a	b	c	a	a	b
Fluorwasserstoffsäure	45	20	c	c	c	a	a	c	a	c	c	c	b	c
Flusssäure	45	20	c	c	c	a	a	c	a	c	c	c	b	c
Formaldehyd	40	20	c	b	a	a	a	a	a	c	b	b	b	c
Formalin	40	20	c	b	a	a	a	a	a	c	b	b	b	c
Formamid	100	20	c	b	a	a	a	a	a	c	a	b	b	c
2-Furaldehyd	100	20	c	b	c	b	c	a	c	c	c	c	b	c
Furfural	100	20	c	b	c	b	c	a	c	c	c	c	b	c
Gerbsäure	100	20	b	a	b	a	a	c	a	b	b	b	b	b
Gips	100	20	c	c	a	a	a	c	a	c	a	a	a	c
Glaubersalz	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Glucose	100	20	a	a	a	a	a	a	a	a	a	a	a	a

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Glycerin	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Glycin	10	20	a	a	a	a	a	b	a	a	a	a	a	a
Glykokoll	10	20	a	a	a	a	a	b	a	a	a	a	a	a
Glykol	100	20	a	a	b	a	a	b	a	a	b	b	a	a
Glykolsäure	100	20	b	a	a	a	a	a	a	b	a	b	b	b
Harnsäure	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Harnstoff	100	20	b	a	c	a	a	a	a	a	a	b	b	a
Heizöl	100	20	c	a	b	b	b	a	a	c	b	c	b	c
Heptan	100	20	c	a	a	a	b	a	b	c	a	c	b	c
1-Hexadecanol	100	20	a	a	b	a	a	b	a	a	b	b	a	a
Hexadecansäure	100	20	c	a	b	b	c	a	b	c	b	a	a	c
Hexadecylalkohol	100	20	a	a	b	a	a	b	a	a	b	b	a	a
Hexaouorkieselsäure	100	20	a	c	b	a	a	a	a	a	b	c	a	b
Hexahydrothymol	100	20	b	b	b	a	a	a	a	b	b	a	a	b
Hexan	100	20	c	a	b	b	c	a	b	c	a	c	b	c
Hexandisäure	100	20	b	a	a	a	a	b	a	a	b	a	a	a
Hexanol	100	20	a	b	b	a	a	a	a	a	b	b	b	a
1,2,6-Hexantriol	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Hexylalkohol	100	20	a	b	b	a	a	a	a	a	b	b	b	a
Hydrazinhydrat	100	20	c	c	c	c	c	b	c	c	c	c	c	c
Hydrochinon	100	20	c	c	c	a	a	a	a	c	c	c	b	c
4-Hydroxy-4-methyl-2-pentanon	100	20	b	c	c	a	b	b	a	b	c	c	c	b
2-Hydroxybenzoesäure	100	20	a	a	a	a	a	a	a	a	a	b	b	a
Hydroxyessigsäure	100	20	b	a	a	a	a	a	a	b	a	b	b	b
2-Hydroxypropansäure	100	20	a	b	b	a	a	b	a	a	b	b	b	a
2,2'-Iminoethanol	100	20	b	a	c	b	c	b	a	b	b	c	c	b
Iod	100	20	c	c	c	c	c	c	b	c	c	c	c	c
IPA	100	20	a	b	a	a	a	a	a	a	a	b	a	a
Isobutylalkohol	100	20	b	c	a	a	a	a	a	b	a	b	a	b
Isooctan	100	20	c	a	b	a	a	a	a	c	b	c	b	c
Isopropanol	100	20	a	b	a	a	a	a	a	a	a	b	a	a
Isopropylacetat	100	20	c	a	c	a	b	c	b	c	b	c	c	c
Isopropylaceton	100	20	c	a	c	b	b	b	b	c	c	c	c	c
Isopropylalkohol	100	20	a	b	a	a	a	a	a	a	a	b	a	a
Isopropylbenzol	100	20	c	a	c	b	b	c	b	c	c	c	c	c
Isopropylether	100	20	c	a	c	b	c	c	c	c	a	c	c	c
Isovaleron	100	20	c	a	c	b	b	c	b	c	b	c	c	c
Javellewasser	20	20	a	c	b	a	a	c	b	a	b	b	a	a
Kalilauge	50	20	b	b	c	a	a	c	a	b	b	b	b	b
Kaliumacetat	100	20	b	b	a	a	a	b	a	b	a	b	b	b
Kaliumalaun	100	20	a	c	a	a	a	b	a	b	b	a	a	a
Kaliumaluminiumsulfat	100	20	a	c	a	a	a	b	a	b	a	b	a	a
Kaliumbicarbonat	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Kaliumbichromat	100	20	b	b	b	a	a	a	a	b	a	a	a	b
Kaliumbromid	100	20	b	b	b	a	a	a	a	b	b	b	a	b
Kaliumcarbonat	100	20	b	b	a	a	a	a	a	b	a	a	a	b
Kaliumchlorat	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Kaliumchlorid	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Kaliumchromat	100	20	a	b	b	a	a	a	a	a	b	a	a	a
Kaliumcyanid	100	20	a	a	b	a	a	b	a	a	b	a	a	a
Kaliumdichromat	100	20	b	b	b	a	a	a	a	b	a	a	a	b
Kaliumferricyanid	100	20	a	b	b	a	a	b	a	a	b	b	b	a
Kaliumferrocyanid	100	20	a	b	b	a	a	b	a	a	b	b	b	a
Kaliumhexacyanoferrat(II)	100	20	a	b	b	a	a	b	a	a	b	b	b	a
Kaliumhexacyanoferrat(III)	100	20	a	b	b	a	a	b	a	a	b	b	b	a
Kaliumhydrogencarbonat	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Kaliumhydroxid	100	20	b	b	c	a	a	c	a	b	b	b	b	b
Kaliumiodid	100	20	a	a	a	a	a	a	a	b	a	a	a	b
Kaliumnitrat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Kaliumperchlorat	25	20	a	a	a	a	a	a	a	a	a	a	a	a
Kaliumpermanganat	100	20	b	c	a	a	a	a	a	b	a	a	a	b
Kaliumperoxodisulfat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Kaliumpersulfat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Kalk	100	20	a	a	b	a	a	a	a	a	a	a	a	a
Kalk gebrannt	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Kampfer	100	20	b	a	a	a	a	a	a	b	a	c	b	b
Kerosin	100	20	c	a	a	b	b	a	b	c	a	c	a	c
Kieselsäure	100	20	b	a	a	a	b	b	a	b	a	a	a	b
Kochsalz	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Kohlendioxid	100	20	b	a	a	a	b	b	a	b	a	a	a	b
Kohlensäure	100	20	b	a	a	a	b	b	a	b	a	a	a	b
Kohlenstoffdisulod	100	20	c	a	c	c	c	c	c	c	c	c	c	c
Königswasser	100	20	c	c	c	c	c	c	c	c	c	c	c	c
Kreide	100	20	a	a	a	a	a	a	a	a	a	a	a	a
p-Kresol	100	20	c	c	c	b	c	c	b	c	c	c	c	c
Kupfer(I)cyanid	50	20	a	a	b	a	a	b	a	a	b	b	a	a
Kupfer(II)chlorid	100	20	a	c	b	a	a	a	a	a	a	a	a	a
Kupfer(II)nitrat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Kupfer(II)sulfat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Kupfervitriol	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Lanolin	100	20	a	a	a	a	b	a	a	a	a	b	b	a
Leinöl	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Leuchtpetrol	100	20	c	a	a	b	b	a	b	c	a	c	a	c
Magnesiumcarbonat basisch	100	20	b	a	a	a	b	a	a	b	a	b	b	b

Substance	Concentration %	Temperature °C	ABS	PA	PC	PE-HD	PE-LD	POM	PP	PS	PUR	PVC-P	PVC-U	SAN
Magnesiumchlorid	100	20	b	a	a	a	a	b	a	b	a	b	b	b
Magnesiumhydroxid	100	20	b	a	a	a	a	a	a	b	a	a	a	b
Magnesiumhydroxidcarbonat	100	20	b	a	a	a	b	a	a	b	a	b	b	b
Magnesiumnitrat	100	20	b	a	a	a	a	a	a	b	a	a	a	b
Magnesiumsulfat	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Maleinsäure	100	20	b	b	c	a	b	b	b	a	b	c	a	b
Maschinenöl	100	20	b	a	a	a	b	b	a	b	a	c	b	b
MEK	100	20	c	a	c	a	b	b	a	c	c	c	c	c
Menthol	100	20	b	b	b	a	a	a	a	b	b	a	a	b
Methacrylsäureester	100	20	c	a	a	b	c	c	c	c	c	c	a	c
Methanal	40	20	c	b	a	a	a	a	a	c	b	b	b	c
Methanol	100	20	b	c	b	a	a	b	a	b	b	b	a	b
Methansäure	100	20	c	c	a	a	a	b	a	b	b	b	b	b
Methoxybenzol	100	20	c	a	c	b	b	b	c	b	c	c	c	c
2-Methoxyethanol	100	20	a	a	b	a	a	b	a	a	b	b	a	a
Methylacetat	100	20	c	a	c	b	b	b	c	b	c	c	c	c
Methylalkohol	100	20	b	c	b	a	a	b	a	b	b	b	a	b
Methylamin	100	20	b	c	c	a	b	a	a	b	c	c	b	b
Methylbenzol	100	20	c	a	b	b	b	c	b	c	b	c	c	c
Methylbromid	100	20	c	b	c	b	b	c	b	c	c	c	c	c
Methylcellosolve	100	20	a	a	b	a	a	b	a	a	b	b	a	a
Methylchlorid	100	20	c	b	c	a	b	c	b	c	b	c	c	c
Methylcyanid	100	20	c	a	c	a	a	c	a	c	c	c	c	c
Methylenchlorid	100	20	c	b	c	a	b	b	b	c	c	c	c	c
Methylether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
Methylethylketon	100	20	c	a	c	a	a	b	a	c	c	c	c	c
Methylglykol	100	20	a	a	b	a	a	b	a	a	b	b	a	a
Methylisobutylketon	100	20	c	a	c	a	b	b	b	c	c	c	c	c
Methylmethacrylat	100	20	c	a	a	b	c	c	c	c	c	a	a	c
Methyloxiran	100	20	c	a	b	a	a	a	a	c	b	b	b	c
Methylpentanon	100	20	c	a	c	a	b	b	b	c	c	c	c	c
4-Methylphenol	100	20	c	c	c	b	c	c	c	c	c	c	c	c
Methylphenylether	100	20	c	a	c	b	b	c	b	c	c	c	c	c
Methylphenylketon	100	20	c	c	c	a	a	a	a	c	c	c	c	c
Milchsäure	100	20	a	b	b	a	a	b	a	a	b	b	b	a
Mineralöl	100	20	b	a	a	a	b	a	a	b	a	c	b	b
Monochloressigsäure	100	20	b	c	c	a	a	c	a	b	c	c	b	b
Natriumacetat	100	20	b	b	a	a	a	b	a	b	a	b	b	b
Natriumbenzoat	100	20	b	b	a	a	a	b	a	b	b	b	b	b
Natriumbicarbonat	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Natriumbisulfat	100	20	a	a	a	a	a	b	a	a	a	a	a	a
Natriumbisulot	40	20	a	b	a	a	a	c	a	a	a	a	a	a
Natriumbromid	100	20	b	b	b	a	a	a	a	b	b	b	a	b
Natriumcarbonat	100	20	b	b	a	a	a	a	a	b	a	a	a	b
Natriumchlorat	100	20	a	c	a	a	a	a	a	a	a	a	a	a
Natriumchlorid	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Natriumchlorit	100	20	a	c	a	a	a	a	a	a	a	a	a	a
Natriumchromat	100	20	a	b	b	a	a	b	a	a	b	a	a	a
Natriumcyanid	100	20	a	a	b	a	a	b	a	a	b	a	a	a
Natriumdihydrogenphsophat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumdithionit	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumouorid	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumhydrogencarbonat	100	20	a	a	a	a	a	a	a	a	a	a	a	a
di-Natriumhydrogenphosphat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumhydrogensulfat	100	20	a	a	a	a	a	b	a	a	a	a	a	a
Natriumhydrogensulot	40	20	a	b	a	a	a	c	a	a	a	a	a	a
Natriumhydroxid	100	20	b	b	c	a	a	c	a	b	b	b	b	b
Natriumhypochlorit	20	20	a	c	b	a	a	c	b	a	b	b	a	a
Natriumhypodisulot	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumhyposulod	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumnitrat	100	20	b	b	c	a	a	c	a	b	b	b	b	b
Natriumnitrit	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumperborat	100	20	a	b	a	a	a	c	a	a	a	a	a	a
Natriumperchlorat	25	20	a	a	a	a	a	a	a	a	a	a	a	a
Natriumperoxid	100	20	a	a	a	a	a	c	b	a	a	a	a	a
Natriumperoxodisulfat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumpersulfat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
mono-Natriumphosphat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
di-Natriumphosphat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumsilicat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumsulfat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumsulod	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumsulot	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumsuperoxid	100	20	a	a	a	a	a	c	b	a	a	a	a	a
Natriumtetraborat	100	20	a	a	a	a	a	b	a	a	a	a	a	a
Natriumthiosulfat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natriumtrisilicat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Natron	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Natronlauge	50	20	b	b	c	a	a	c	a	b	b	b	b	b
Natronwasserglas	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Nickelchlorid	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Nickelnitrat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Nickelsulfat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
2,2',2'' -Nitrilotriethanol	100	20	a	a	b	a	a	b	a	a	a	b	b	a

Substance	Concentration %	Temperature °C	ABS	PA	PC	PE-HD	PE-LD	POM	PP	PS	PUR	PVC-P	PVC-U	SAN
Nitrobenzol	100	20	c	b	c	b	c	c	c	c	b	c	b	c
1-Nonanol	100	20	a	b	b	a	a	a	a	a	b	b	b	a
Octadecansäure	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Octan	100	20	c	a	b	a	a	a	a	c	b	c	b	c
Öl (Erdöl)	100	20	c	a	b	b	c	c	b	c	a	c	b	c
Öl (etherisches Öl)	100	20	c	a	b	b	b	b	b	c	b	c	b	c
Öl (fettes Öl)	100	20	a	a	b	a	a	a	a	a	a	a	a	a
Öl (Heizöl)	100	20	c	a	b	b	b	a	a	c	b	c	b	c
Öl (Maschinenöl, aromatenfrei)	100	20	b	a	a	a	b	b	a	b	a	c	b	b
Öl (Mineralöl)	100	20	b	a	a	a	a	a	a	b	a	c	b	b
Öl (Schmieröl)	100	20	b	a	a	a	b	a	a	b	a	c	b	b
Öl (Siliconöl)	100	20	a	a	a	a	a	a	a	a	a	b	a	a
Oleinsäure	100	20	c	a	b	b	c	a	b	c	b	a	a	c
Oleum	100	20	c	c	c	c	c	c	c	c	c	c	c	c
Ölsäure	100	20	c	a	b	b	c	a	b	c	b	a	a	c
Oxalsäure	100	20	c	a	b	b	c	a	b	c	b	a	a	c
Oxiran	100	20	c	a	b	a	b	c	b	c	b	b	b	c
Oxolan	100	20	c	a	c	b	b	a	b	c	a	c	c	c
Ozon	100	20	b	a	a	a	a	b	a	b	c	b	b	b
Palmitinsäure	100	20	c	a	b	b	c	a	b	c	b	a	a	c
Parafonöl	100	20	c	a	a	b	b	a	b	c	a	c	a	c
1-Pentanol	100	20	a	b	b	a	a	a	a	a	b	b	b	a
3-Pentanon	100	20	c	a	c	b	b	c	b	c	b	c	c	c
Pentylacetat	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Pentylalkohol	100	20	a	b	b	a	a	a	a	a	b	b	b	a
Perchlorethylen	100	20	c	a	c	b	c	a	c	c	a	c	c	c
Perchlorsäure	60	20	b	c	c	b	b	b	b	b	c	c	b	b
Perhydronaphthalin	100	20	c	a	c	a	b	a	b	c	c	c	a	c
Petrol	100	20	c	a	a	b	b	a	b	c	a	c	a	c
Petrolether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
Phenol	100	20	c	c	c	c	c	c	c	c	c	b	b	c
Phenylameisensäure	100	20	b	c	a	a	a	b	a	b	a	a	a	b
Phenylamin	100	20	c	a	c	a	a	a	a	c	c	c	c	c
Phenylethan	100	20	c	a	c	b	b	c	b	c	c	c	c	c
Phenylether	100	20	c	a	c	b	c	c	c	c	c	c	b	c
Phenylethylen	100	20	c	a	c	b	b	a	b	c	c	c	c	c
Phenylmethanol	100	20	c	c	b	b	c	a	c	c	b	c	b	c
2-Phenylpropan	100	20	c	a	c	b	b	c	b	c	c	c	c	c
Phosphor(III)chlorid	100	20	c	b	b	a	b	c	b	c	b	c	c	c
ortho-Phosphorsäure	85	20	b	c	a	a	a	c	a	b	c	b	a	b
Phosphortrichlorid	100	20	c	b	b	a	b	c	b	c	b	c	c	c
Phthalsäure-bis-2-ethylhexylester	100	20	c	a	b	a	a	a	a	c	b	c	b	c
Pottasche	100	20	b	b	a	a	a	a	a	b	a	a	a	b
Propan	100	20	c	b	b	c	c	c	c	c	b	b	a	c
1,2-Propandiol	100	20	a	a	b	a	a	a	a	a	b	b	b	a
2-Propanol	100	20	a	b	a	a	a	a	a	a	b	a	a	a
Propansäure	100	20	b	c	c	a	b	a	a	b	c	b	b	b
1,2,3-Propantriol	100	20	a	a	a	a	a	a	a	a	a	a	a	a
2-Propen-1-ol	100	20	b	c	b	a	a	b	a	b	b	b	b	b
Propionsäure	100	20	b	c	c	a	b	a	a	b	c	b	b	b
Propylenglykol	100	20	a	a	b	a	a	a	a	a	b	b	b	a
Propylenoxid	100	20	c	a	b	a	a	a	a	c	b	b	b	c
Pyridin	100	20	c	c	c	a	b	b	a	c	c	c	c	c
Quecksilber	100	20	b	a	c	a	a	a	b	b	a	a	a	b
Quecksilber(II)chlorid	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Quecksilber(II)cyanid	50	20	a	a	b	a	a	b	a	a	b	a	a	a
Quecksilber(II)nitrat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Quinol	100	20	c	c	c	a	a	a	a	c	c	c	b	c
Resorcin	50	20	b	c	b	a	a	a	a	b	b	b	b	b
Salicylsäure	100	20	a	a	a	a	a	a	a	a	b	b	b	a
Salmiak	100	20	a	b	a	a	a	c	a	a	a	a	a	a
Salmiakgeist	25	20	c	b	c	a	a	c	a	b	c	b	a	b
Salpetersäure	65	20	c	c	c	b	b	b	c	c	c	c	b	c
Salpetrige Säure	50	20	b	c	a	a	a	a	b	b	a	a	a	b
Salzsäure	37	20	b	c	c	a	a	b	a	b	c	b	b	b
Schmieröle	100	20	b	a	a	a	b	a	a	b	a	c	b	b
Schmierseife	25	20	a	b	c	a	b	a	a	a	b	b	c	a
Schwefeldioxid	100	20	b	c	b	b	c	b	c	c	b	c	b	b
Schwefelkohlenstoff	100	20	c	a	c	c	c	c	c	c	c	c	c	c
Schwefelsäure	98	20	c	c	c	b	b	c	b	c	c	c	b	c
Schwefelsäure rauchend	100	20	c	c	c	c	c	c	c	c	c	c	c	c
Schwefelwasserstoff	100	20	c	a	c	c	c	c	c	c	c	c	c	c
Schweflige Säure	100	20	b	c	b	b	c	b	c	c	b	c	b	c
Silberacetat	100	20	b	b	a	a	a	a	b	b	a	b	b	b
Silbernitrat	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Siliciumdioxid	100	20	b	a	a	a	b	b	a	b	a	a	a	b
Siliconöle	100	20	a	a	a	a	a	a	a	a	a	b	a	a
Soda	100	20	b	b	a	a	a	a	a	b	a	a	a	b
Spülmittel	5	20	a	a	a	a	a	a	a	a	a	a	a	a
Stearinsäure	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Stickoxyd	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Styrol	100	20	c	a	c	b	b	a	b	c	c	c	c	c
Sublimat	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Tannin	100	20	b	a	b	a	a	c	a	b	b	b	b	b

Substance	Concentration %	Temperature °C	ABS	PA	PC	PE-HD	PE-LD	POM	PP	PS	PUR	PVC-P	PVC-U	SAN
Tenside, alkalifrei	5	20	a	a	a	a	a	a	a	a	a	a	a	a
Terpentinersatz	100	20	c	a	c	a	b	a	b	c	c	c	a	c
Terpentinöl	100	20	c	a	b	b	b	a	b	c	b	b	b	c
1,1,2,2-Tetrachlorethan	100	20	c	a	c	b	c	a	c	c	a	c	c	c
Tetrachlorethylen	100	20	c	a	c	b	c	a	c	c	a	c	c	c
Tetrachlorkohlenstoff	100	20	c	c	c	b	b	b	b	c	c	c	b	c
Tetrachlormethan	100	20	c	c	c	b	b	b	b	c	c	c	b	c
Tetrahydrofuran	100	20	c	a	c	b	b	a	b	c	a	c	c	c
1,2,3,4-Tetrahydronaphtalin	100	20	c	a	c	a	b	a	b	c	c	c	a	c
Tetralin	100	20	c	a	c	a	b	a	b	c	c	c	a	c
THF	100	20	c	a	c	b	b	a	b	c	a	c	c	c
Thionylchlorid	100	20	c	c	c	c	c	c	c	c	c	c	c	c
Toluol	100	20	c	a	b	b	b	c	b	c	b	c	c	c
Tonerde	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Tonerde Hydrat	100	20	b	a	b	a	a	a	a	b	a	a	a	b
Tonerde, essigsauer	100	20	a	a	a	a	a	b	a	b	a	a	a	a
Traubenzucker	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Trichloracetaldehydhydrat	100	20	c	c	b	b	b	c	b	c	c	c	b	c
1,2,4-Trichlorbenzole	100	20	c	b	c	c	c	c	c	c	c	b	c	c
Trichloressigsäure	100	20	b	c	b	b	b	a	b	b	b	b	b	b
Trichlorethylen	100	20	c	a	c	b	c	c	c	c	c	c	c	c
Trichlormethan	100	20	c	b	c	a	a	a	c	c	c	c	c	c
Triethanolamin	100	20	a	a	b	a	a	b	a	a	a	b	b	a
Triethylenglykol	100	20	a	a	a	a	a	a	a	a	b	b	b	a
Triglykol	100	20	a	a	a	a	a	a	a	a	b	b	b	a
2,2,4-Trimethylpentan	100	20	c	a	b	a	a	a	a	c	b	c	b	c
Tris-(2-hydroxyethyl)amin	100	20	a	a	b	a	a	b	a	a	a	b	b	a
Urin	100	20	a	a	c	a	a	a	a	a	b	b	b	a
Vaseline	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Verdünner	100	20	c	b	c	a	a	b	a	c	b	c	b	c
Vinylacetat	100	20	c	c	c	b	c	c	c	c	c	c	c	c
Vinylbenzol	100	20	c	a	c	b	b	a	b	c	c	c	c	c
Vinylchlorid	100	20	c	c	c	b	c	c	c	c	c	c	c	c
Vinylcyanid	100	20	c	a	c	a	a	c	b	c	c	c	c	c
Vinylethylen	100	20	c	b	c	b	c	a	c	c	a	c	b	c
Waschmittel	5	20	a	a	a	a	a	a	a	a	a	a	a	a
Wasser	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Wasser entmineralisiert	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Wasserglas	100	20	a	b	a	a	a	a	a	a	a	a	a	a
Wasserstoffperoxid	30	20	a	c	a	a	a	c	a	a	b	a	b	a
Wasserstoffsuperoxid	30	20	a	c	a	a	a	c	a	a	b	a	b	a
Weinsäure	100	20	b	a	a	a	a	b	a	b	a	a	a	b
Wollfett	100	20	a	a	a	a	b	a	a	a	a	b	b	a
p-Xylol	100	20	c	a	c	b	b	b	b	c	a	c	c	c
Zinkcarbonat basisch	100	20	b	b	a	a	a	a	a	b	a	a	a	b
Zinkchlorid	100	20	a	a	a	a	a	a	a	a	a	a	a	a
Zinkhydroxidcarbonat	100	20	b	b	a	a	a	a	a	b	a	a	a	b
Zinknitrat	100	20	a	b	a	a	a	a	a	a	a	a	a	a

References

All information, data and tables in the technical areas are based on information and documents of raw material producers with many years of practical experience. They are expressly understood as recommendations without guarantee and do not free the user of our products, for the intention to carry out their own tests. Any legal claim based on the information in these documents may be neither specifically nor implied be derived.

Parts carrying voltage when used with certain media can show loss of strength (stress cracking), though they are resistant to the media itself and without action of the media would withstand the tensions alone. This is especially seen in welded parts.

All resistance values in this catalog refer to pure substances. In the case of substance mixtures, the resistances significantly differ from the available data. For these, users should carry out their own tests.

General Terms of Sale and Supply

I. General provisions
1. Orders only become binding with regard to type and scope of delivery after they have been confirmed by Supplier. Amendments and additions must be made in writing.
2. In the case of ongoing business relationships, these Terms shall also apply to future transactions without any explicit reference being made to them if agreed by the partners in connection with an earlier order. Should other provisions arise on the part of Purchaser or Supplier in place of these Terms, they must be expressly agreed by the partners. Should individual provisions be invalid, the remaining provisions shall remain unaffected.
3. Purchaser's purchasing conditions are only binding for Supplier if explicitly acknowledged by the latter.
4. Information given by Supplier in printed matter and its information on the properties of its products is made on the basis of current technical knowledge and experience. In view of the variety of possible influences on the application of Supplier's products that are outside its control, the user of the product is not exempted from conducting its own tests and examinations. A legally binding assurance with regard to certain properties or the suitability for a specific application cannot be deduced either expressly or implicitly.
5. Supplier reserves the right to make changes to its product range or its products at any time,

II. Prices
1. Unless otherwise agreed, prices are ex works, including packaging, and are subject to value added tax at the respective statutory rate.
2. Country specific additions
   2.1 Switzerland (CH) and Liechtenstein (LI)
      2.1.1 Deliveries in excess of CHF 2'000.00 net goods value, will be made free-of-charge (Destination CH or LI).
      2.1.2 The minimum net value per order is CHF 300.00. A surcharge of CHF 50.00 will be charged for orders below this value.
   2.2 EU and non-EU countries (without CH & LI)
      2.2.1 The minimum net value per order is € 1'000.00. For orders below this value a surcharge of € 150.00 will be charged.

III. Supply and purchase obligations
1. Delivery times begin upon receipt of all documentation required for the execution of the order and, if applicable, with the punctual supply of material and agreed advance payments.
2. Should an agreed delivery time not be met through the fault of Supplier, Purchaser shall be entitled, to the exclusion of any further claims, to demand appropriate compensation or rescission of the contract following a reasonable period of grace, provided he has given notification of the rejection of the supply when the period of grace was agreed.
3. In the case of ex works deliveries with pick-up by the customer, the goods must be collected within 10 working days. If this deadline is not met, the supplier reserves the right to charge additional storage and handling costs.
4. Reasonable part deliveries and deviations of up to plus or minus ten per cent (±10%) of the order are permissible.
5. Cases of force majeure affecting Supplier or its subcontractors shall extend the delivery time accordingly. This also applies to intervention by the authorities, difficulties with the supply of energy and raw materials, strikes, lockouts and unforeseeable delivery problems, provided they are not attributable to Supplier. Supplier shall inform Purchaser of any such occurrence without delay.

IV. Transfer of risk, packaging and shipping
1. Even in the case of shipments made on a carriage-paid basis, the risk is transferred to Purchaser when the goods leave Supplier's site.
2. In the case of shipment delays attributable to Purchaser, risk is transferred as soon as Purchaser has been notified that the goods are ready for shipment.
3. Unless otherwise agreed, Supplier shall select the packaging and the mode of shipment at its discretion. The goods shall be insured against damage due to breakage, transport or fire at the written request of Purchaser, who shall bear the cost.

V. Provision of material
1. If materials are to be provided by Purchaser, they should be delivered in accordance with the agreed specification in good time at its cost and risk with a reasonable excess quantity of at least five per cent (5%).
2. If these requirements are not met, the delivery period shall be extended accordingly. Except for cases of force majeure, Purchaser shall bear the resulting additional costs, including those for the resultant interruption of production.

VI. Retention of title
1. Deliveries are made under retention of title including the extended retention of title provided this right exists in the legislation of the respective country. Otherwise corresponding agreements shall have to be made.
2. The same applies to deliveries outside the scope of these Terms, provided retention of title or extended retention of title is legally possible in the country in which the goods are located at the time of enforcement. Otherwise Purchaser undertakes to provide Supplier with all rights stipulated under the legislation of Supplier's country to protect claims.

VII. Liability for defects / product liability
1. Defects must be notified in writing without delay and at the latest two weeks after receipt of the shipment. In the case of hidden defects, this period is extended to one week after they have been detected but no more than six months after receipt of the goods.
2. In the case of justified claims Supplier is obliged, at its discretion, to remedy the defect or supply a replacement free of charge. Should Supplier fail to meet this obligation within a reasonable period of time, Purchaser is entitled to a reduction in the purchase price or rescission of the contract. Any further claims shall be excluded. Defective parts that have been replaced shall at the request of Supplier be returned at its expense.
3. This shall be without prejudice to the liability arising from national product liability laws.

VIII. Terms of payment
1. All payments shall be made in the agreed currency exclusively to Supplier according to the agreed payment terms.
2. Should justified doubts arise as to Purchaser's ability to pay, all claims by Supplier shall fall due immediately. In addition Supplier is entitled to withdraw from the contract or demand compensation for non-performance following a reasonable period.
3. In the event of delayed payment, default interest will be payable at a rate of five per cent (5%) without a reminder.

IX. Property rights
1. Purchaser is liable with regard to Supplier for the deliveries and services ordered being free from third-party property rights and exempts Supplier from all related claims and shall be liable for any damages incurred.
2. Design documents, models, etc. from Supplier shall remain the property of Supplier and may only be used or passed on with its consent. Should a delivery contract not be fulfilled due to the fault of Purchaser, Supplier is entitled to appropriate compensation for the preliminary work it has carried out.

X. Place of performance and jurisdiction
1. The place of performance is the location of Supplier's factory.
2. At the discretion of Supplier, the place of jurisdiction is the location of Supplier's factory or the Purchaser's principle office or registered office.
3. The law of the country in which Supplier's factory is located shall apply.

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