

4.1. Transport Boxes, Euro - Boxes

4.1.1. Euro - Boxes

Material: conductive polypropylene PPL
Surface resistance R_S : $10^4 \Omega$
Chemical constancy: identical with normal polypropylene

Code	Description	Sizes
4103.120	Euro - Boxes	300 mm * 200 mm * 117 mm
4104.120	Euro - Boxes	400 mm * 300 mm * 120 mm
4104.170	Euro - Boxes	400 mm * 300 mm * 170 mm
4104.220	Euro - Boxes	400 mm * 300 mm * 220 mm
4106.120	Euro - Boxes	600 mm * 400 mm * 120 mm
4106.220	Euro - Boxes	600 mm * 400 mm * 220 mm
4106.320	Euro - Boxes	600 mm * 400 mm * 320 mm
4106.420	Euro - Boxes	600 mm * 400 mm * 420 mm
4103.100	Lid	300 mm * 200 mm
4104.100	Lid	400 mm * 300 mm
4106.100	Lid	600 mm * 400 mm

Sample for transport boxes 4106.xxx



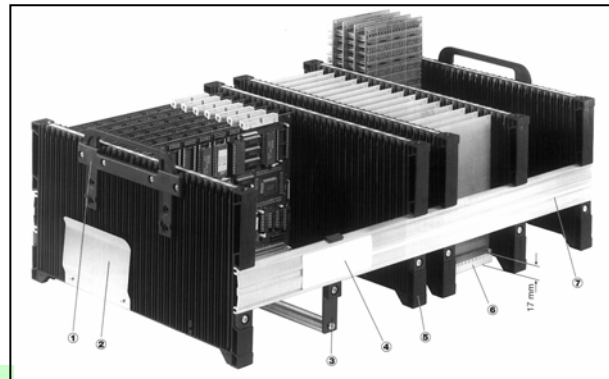
Delivery of suitable insert boxes is possible!

4.1.2. PCB holder

The system is variable and can be used for all sizes of PCBs.

Technical data

Material	polypropylene
Colour	black
Temperature	70 °C
Surface resistance	> 10 ⁴ Ω
Chemical – and UV – resistance	very good



Board distance	Maximum placements
10 mm	32 PCBs
20 mm	16 PCBs
30 mm	10 PCBs

Rack wall	Groove width	Groove depth
10 mm	2,8 mm	2,0 mm
20 mm	4,5 mm	2,0 mm
30 mm	4,5 mm	2,0 mm

Code	Description	Sizes	Pack / Pieces
4110.100	Rack wall 100	100 mm * 359 mm	1/30
4110.180	Rack wall 180	180 mm * 359 mm	1/30
4110.300	Rack wall 300	303 mm * 357 mm	1/18
4110.301	Groove barrier 1 for rack wall 300		1/100
4110.302	Groove barrier 2 for rack wall 300		1/100
4110.136	Profiled rail 0136	136 mm	1
4110.252	Profiled rail 0252	252 mm	1
4110.547	Profiled rail 0547	547 mm	1
4111.001	Profiled rail 1000	1000 mm	1
4111.002	Profiled rail 2000	2000 mm	1

4112.100	PCB holder – test set 100	1
4112.180	PCB holder – test set 180	1
4112.300	PCB holder – test set 300	1

	PCB holder TESTSET 100	PCB holder TESTSET 180	PCB holder TESTSET 300
Content	4 rack walls 100 2 profiled rails 369 mm 1 clip 2 carton labels	4 rack walls 180 2 profiled rails 369 mm 1 clip 2 carton labels 1 set carrying handles	2 rack walls 300 4 profiled rails 269 mm 1 clip 2 carton labels 1 set carrying handles

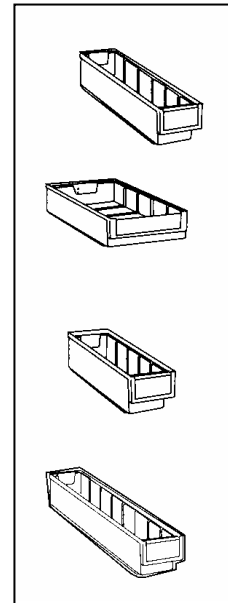
4.2. Conductive Drawer Cases & Grip boxes

4.2.1. Conductive Drawer Cases

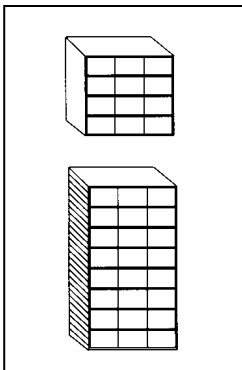
Extract of the table with different sizes:

Code	Description	Sizes
4201.101	Drawer	300 mm * 92 mm * 82 mm
4201.102	Drawer	400 mm * 92 mm * 82 mm
4202.202	Drawer	400 mm * 182 mm * 82 mm
4202.203	Drawer	500 mm * 182 mm * 82 mm
4203.303	Drawer	600 mm * 132 mm * 100 mm
4206.100	Drawer	625 mm * 140 mm * 90 mm

Different sizes are available. **Please require the detailed overview! Suitable partition walls** are also available!

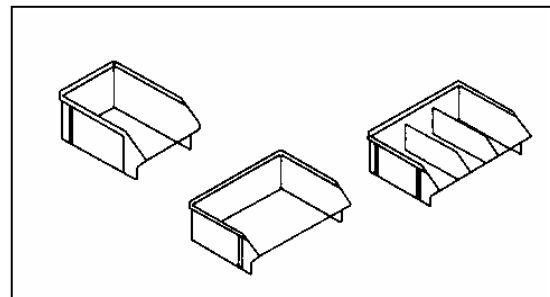


4.2.2. Visible Storage Boxes, Grip Boxes, Small Part Stacks, Drawer Stacks, Turntable Racks



Visible storage boxes, grip boxes, small part stacks, drawer stacks and turntable racks are available!

Please require our detailed overview with all available sizes and versions!



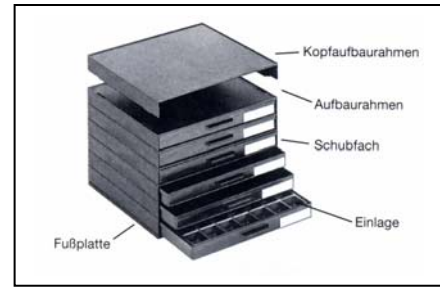
Store & Transport Systems

4.3. Static Control Drawer Cabinets

- Material: conductive plastic, black
- Surface resistance R_S : $10^3 - 10^8 \Omega$

Version 1

6 drawers (without inserts)
Sizes: **261 mm * 238 mm * 20 mm** (inside)



Code	Description	Sizes (inside)
4511.000	Drawer cabinet – Version 1	
4511.001	Drawer insert, single	
4511.002	Base plate	
4511.003	Frame	
4511.004	Lid	
4511.016	Deep-drawn drawer insert, 4 x 4	61 mm * 56 mm
4511.018	Deep-drawn drawer insert, 3 x 6	82 mm * 36 mm
4511.024	Deep-drawn drawer insert, 6 x 6	40 mm * 55 mm
4511.036	Deep-drawn drawer insert, 4 x 9	60 mm * 23 mm
4511.042	Deep-drawn drawer insert, 7 x 6	34 mm * 36 mm
4500.020	Labels (1 pack = 100 pieces)	70 mm * 17 mm

Version 2

6 drawers (without inserts)
Sizes: **340 mm * 250 mm * 40 mm** (inside)

Code	Description	Sizes (inside)
4512.000	Drawer cabinet – Version 2	
4512.003	Deep-drawn drawer insert, 3 x 1	75 mm * 327 mm
4512.006	Deep-drawn drawer insert, 3 x 2	71 mm * 157 mm
4512.009	Deep-drawn drawer insert, 3 x 3	71 mm * 102 mm
4512.012	Deep-drawn drawer insert, 3 x 4	71 mm * 75 mm
4512.016	Deep-drawn drawer insert, 4 x 4	55 mm * 77 mm
4512.025	Deep-drawn drawer insert, 5 x 5	45 mm * 63 mm
4512.030	Deep-drawn drawer insert, 5 x 6	44 mm * 50 mm
4512.106	Deep-drawn standard insert	121 mm * 109 mm * 31 mm
4512.112	Deep-drawn standard insert	109 mm * 47 mm * 31 mm
4512.124	Deep-drawn standard insert	59 mm * 53 mm * 31 mm

Version 3

6 drawers (without inserts)

Sizes: **340 mm * 250 mm * 22 mm** (inside)

Code	Description	Sizes (inside)
4514.000	Drawer cabinet – Version 3	
4514.001	Drawer insert, single	
4514.002	Base plate	
4514.003	Frame	
4514.004	Lid	
4514.012	Deep-drawn drawer insert, 3 x 4	75 mm * 79 mm
4514.016	Deep-drawn drawer insert, 4 x 4	55 mm * 77 mm
4514.025	Deep-drawn drawer insert, 5 x 5	45 mm * 63 mm
4514.042	Deep-drawn drawer insert, 6 x 7	36 mm * 42 mm

Version 4

4 drawers (without inserts)

Sizes: **340 mm * 250 mm * 62 mm** (inside)

Code	Description	Sizes (inside)
4516.000	Drawer cabinet – Version 2	
4516.004	Deep-drawn drawer insert, 2 x 2	116 mm * 160 mm
4516.006	Deep-drawn drawer insert, 3 x 2	75 mm * 160 mm
4516.009	Deep-drawn drawer insert, 3 x 3	75 mm * 105 mm
4516.012	Deep-drawn drawer insert, 4 x 4	71 mm * 75 mm
4516.106	Deep-drawn standard insert	121 mm * 109 mm * 52 mm
4516.112	Deep-drawn standard insert	109 mm * 47 mm * 52 mm
4516.115	Deep-drawn standard insert	54 mm * 18 mm * 58 mm
4516.124	Deep-drawn standard insert	53 mm * 47 mm * 52 mm

Please require further information!

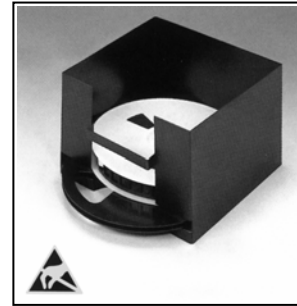
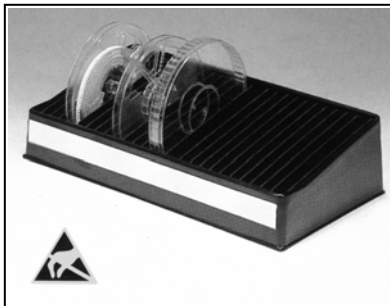
4.4. Conductive Boxes & Storage boxes

4.4.1. SMD – Reel boxes

- Material: conductive plastic, black
- Surface resistance R_S : $10^3 - 10^8 \Omega$

For standing storage

Code		Sizes
4520.201	SMD – Reel box for reels up to Ø 250 mm with 25 partition walls (adjustable)	450 mm * 240 mm
4520.202	SMD – Reel box for reels up to Ø 330 mm with 25 partition walls (adjustable)	455 mm * 315 mm
4520.203	SMD – Reel box for reels up to Ø 380 mm with 10 partition walls (adjustable)	455 mm * 360 mm



For lying storage

Code		Sizes
4520.301	SMD – Reel box for reels up to Ø 180 mm	186 mm * 173 mm * 210 mm (outside) 182 mm * 169 mm * 190 mm (inside)
4520.302	SMD – Reel box for reels up to Ø 330 mm	339 mm * 319 mm * 210 mm (outside) 335 mm * 315 mm * 190 mm (inside)
4520.303	SMD – Reel box for reels up to Ø 380 mm	380 mm * 370 mm * 250 mm (outside) 375 mm * 365 mm * 230 mm (inside)

4.4.2. IC - Container

- Material: conductive plastic with conductive foam

Code	Sizes
4910.101	54 mm * 25 mm
4910.102	54 mm * 42 mm
4910.103	116 mm * 67 mm
4910.104	117 mm * 30 mm
4910.105	118 mm * 44 mm
4910.106	120 mm * 55 mm
4910.107	128 mm * 87 mm



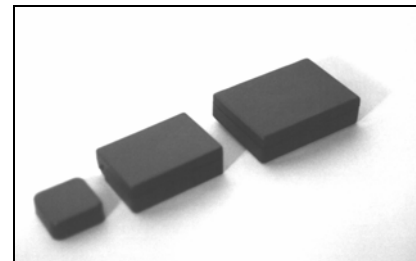
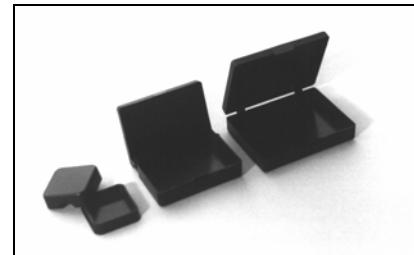
4.4.3. Conductive Boxes

The conductive boxes guarantee a good static control and a good mechanical protection. They are made of conductive polypropylene.

- Integrated lid
- Conductive foam, hard

Code	Sizes
4916.101*	38 mm * 38 mm * 12 mm
4916.102*	74 mm * 52 mm * 22 mm
4916.104*	90 mm * 64 mm * 19 mm
4916.106*	108 mm * 82 mm * 17 mm
4916.107*	155 mm * 100 mm * 31 mm
4916.108*	230 mm * 130 mm * 22 mm
4916.109*	230 mm * 130 mm * 31 mm
4916.110*	230 mm * 130 mm * 38 mm
4916.111*	253 mm * 152 mm * 38 mm
4916.112*	304 mm * 228 mm * 38 mm

*Index "A" with 1 * foam; Index "B" with 2 * foam



4.4.4. SMD – Flap Lid Boxes

Code	Sizes
4960.101	16 mm * 12 mm * 15 mm
4960.111	analogue 4960.101*
4960.102	37 mm * 12 mm * 15 mm
4960.112	analogue 4960.102*
4960.103	41 mm * 37 mm * 15 mm
4960.113	analogue 4960.103*
4960.104	68 mm * 57 mm * 15 mm
4960.114	analogue 4960.104*

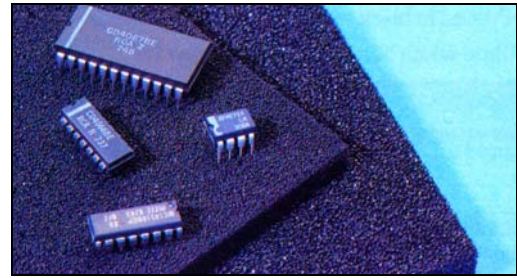
* with transparent, conductive lid



4.5. Conductive Foam

Properties

- Polyurethane with special impregnation
- Non-excretion
- Open-cell
- Weight: 30 – 50 kg/m³
- Abrasion resistance
- Resistance: 10⁶ Ω - soft and hard type



Plates

Code	Type	Sizes
5910.006	soft	1000 mm * 1000 mm * 6 mm ¹
5910.010	soft	1000 mm * 1000 mm * 10 mm ¹
5920.006	hard	1000 mm * 1000 mm * 6 mm
5920.008	hard	1000 mm * 1000 mm * 8 mm
5920.010	hard	1000 mm * 1000 mm * 10 mm
5920.015	hard	1000 mm * 1000 mm * 15 mm
5920.020	hard	1000 mm * 1000 mm * 20 mm

¹ further thickness is available

Cuts

Code	Type	Sizes
5910.101	soft	253 mm * 353 mm * 6 mm
5910.102	soft	553 mm * 353 mm * 6 mm
5910.103	soft	253 mm * 353 mm * 15 mm
5910.104	soft	553 mm * 353 mm * 15 mm
5920.101	hard	253 mm * 353 mm * 6 mm
5920.102	hard	300 mm * 300 mm * 6 mm
5920.103	hard	553 mm * 353 mm * 6 mm

Custom-made cuts are available!

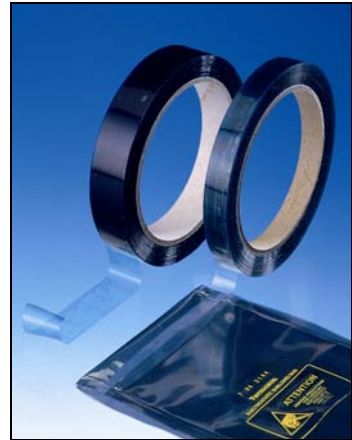
4.6. Adhesive Tapes & Accessories

4.6.1. Adhesive tapes

- Clear, transparent
- Does not generate electrostatic charges

Roll length: 66 m

Code	
4980.101	12 mm width
4980.102	25 mm width
4980.103	19 mm width



4.6.2. Tape dispensers

- Made of static control material
- Suitable for tape bores: 76.2 mm

Code	
4990.101	For width up to 25 mm
4990.102	For width up to 51 mm

