

PANEL ELEMENTS





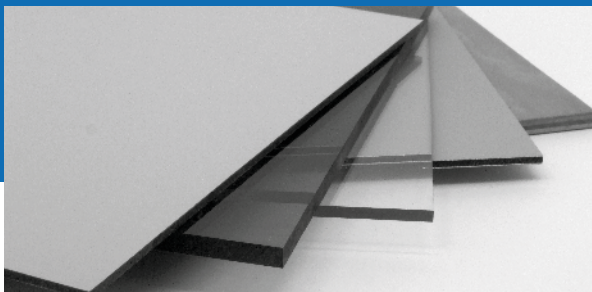
PANEL ELEMENTS

ACRYLIC GLASS

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Acrylic glass has a wear-resistant surface and is well-suited for doors and cladding.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Acrylic glass 2 mm clear	PMMA clear	2,0 +/- 10%	2,30	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-2-K
Acrylic glass 3 mm clear	PMMA clear	3,0 +/- 10%	3,50	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-3-K
Acrylic glass 4 mm clear	PMMA clear	4,0 +/- 10%	4,70	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-4-K
Acrylic glass 5 mm clear	PMMA clear	5,0 +/- 10%	5,90	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-5-K
Acrylic glass 6 mm clear	PMMA clear	6,0 +/- 10%	7,10	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-6-K
Acrylic glass 8 mm clear	PMMA clear	8,0 +/- 10%	9,40	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-AG-8-K

PET-G

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
PET-G is an impact-resistant, clear plastic for the construction of machine housings. The material is suitable for indoor and outdoor use.							
		[mm]	[kg/m ²]	[mm]	[mm]		
PET-G 3 mm clear	clear	3,0 +/- 4%	3,85	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-3-K
PET-G 4 mm clear	clear	4,0 +/- 4%	5,12	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-4-K
PET-G 5 mm clear	clear	5,0 +/- 4%	6,40	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-5-K
PET-G 6 mm clear	clear	6,0 +/- 4%	7,70	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-6-K
PET-G 8 mm clear	clear	8,0 +/- 4%	10,26	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PET-G-8-K



POLYCARBONATE

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Polycarbonate is particularly impact-resistant and unbreakable. It is mainly used for protective coverings.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Polycarbonate 2 mm clear	PC clear	2,0 +/- 5%	2,40	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-2-K
Polycarbonate 4 mm clear	PC clear	4,0 +/- 5%	4,80	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-4-K
Polycarbonate 5 mm clear	PC clear	5,0 +/- 5%	6,00	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-5-K
Polycarbonate 5 mm smoke-coloured	PC smoke-coloured	5,0 +/- 5%	6,00	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-5-RF
Polycarbonate 6 mm clear	PC clear	6,0 +/- 5%	7,20	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-6-K
Polycarbonate 8 mm clear	PC clear	8,0 +/- 5%	9,60	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-8-K
Polycarbonate 8 mm smoke-coloured	PC smoke-coloured	8,0 +/- 5%	9,60	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-8-RF
Polycarbonate 10 mm clear	PC clear	10,0 +/- 5%	12,0	3.050 x 2.050	3.020 x 2.020	DL-S-FE	FE-PC-10-K



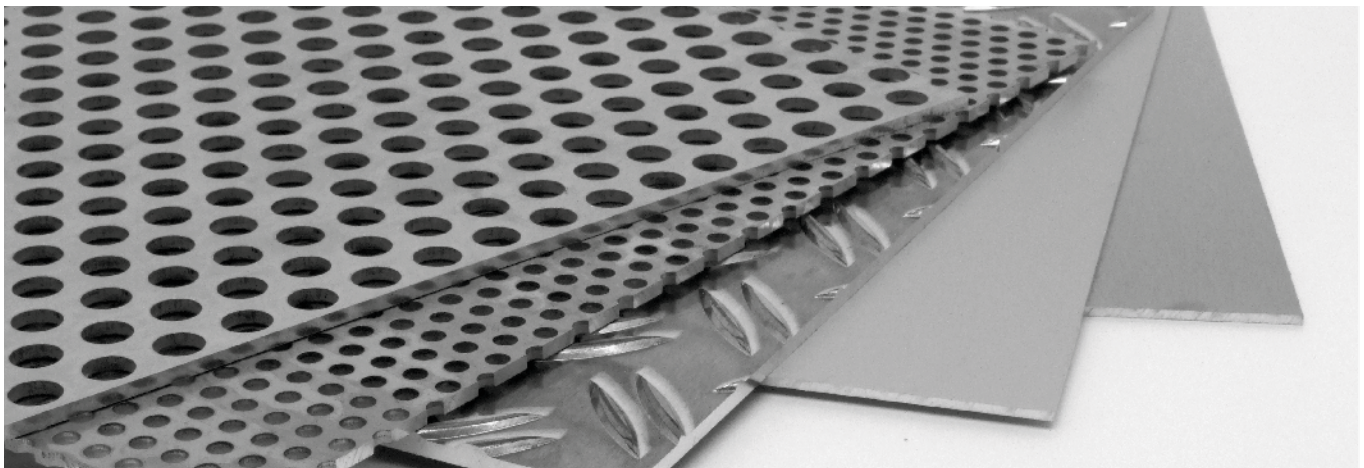
PANEL ELEMENTS

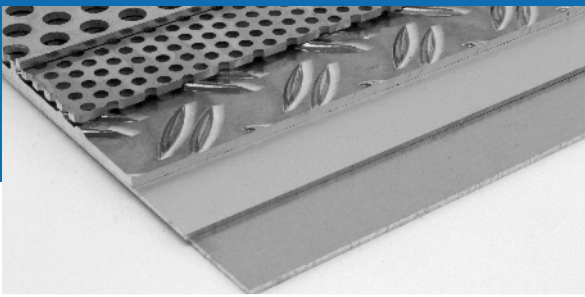
SHEETS AL

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Sheets Al are suitable for all types of machine cladding or shelves. A protective film on both sides prevents scratching of the sheets.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Sheet Al 2 mm natural	AlMg3 natural	2,0	5,40	2.000 x 1.000	2.000 x 1.000	DL-S-FE	FE-B-AL-2
Sheet Al 2 mm anodised	AlMg3 anodised	2,0	5,40	2.000 x 1.000	2.000 x 1.000	DL-S-FE	FE-B-AL-2-ELOX
Sheet Al 3 mm natural	AlMg3 natural	3,0	8,10	2.000 x 1.000	2.000 x 1.000	DL-S-FE	FE-B-AL-3
Sheet Al 4 mm natural	AlMg3 natural	4,0	10,8	2.000 x 1.000	2.000 x 1.000	DL-S-FE	FE-B-AL-4

PERFORATED SHEETS

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Perforated sheets are well-suited as a surface element for machine enclosures permeable to air. We can deliver different degrees of material wire gauge and hole diameters.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Perforated sheet Al 2 mm cold rolled Rv 3-5	AlMg3 natural / coated	2,0	3,20	2.000 x 1.000	1.970 x 970	DL-S-FE	FE-LB-AL-2-BL-RV3-5
	Natural (not degreased) or coated; hole diameter = 3,0 mm in staggered rows.						
Perforated sheet Al 3 mm cold rolled Rv 5-8	AlMg3 natural / coated	3,0	5,10	2.500 x 1.250	2.470 x 1.220	DL-S-FE	FE-LB-AL-3-BL-RV5-8
	Natural (not degreased) or coated; hole diameter = 5,0 mm in staggered rows.						
Perforated sheet Al 3 mm cold rolled Rv 10-15	AlMg3 natural / coated	3,0	4,80	2.500 x 1.250	2.470 x 1.220	DL-S-FE	FE-LB-AL-3-BL-RV10-15
	Natural (not degreased) or coated; Hole diameter = 10 mm in offset rows; DIN 24041; remaining surface element approx. 60%						





CHEQUER SHEET

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Aluminium chequered sheets are used for accessible platforms and treads.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Chequered sheet Al 5 mm knurl "Duett" DIN EN 1386	AlMg3 natural not degreased	3,5	9,90	2.500 x 1.250	2.470 x 1.220	DL-S-FE	FE-RB-AL-5

COMPOUND MATERIAL

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Plastic coated on both sides with aluminium (anodised). Suitable for doors and cladding. A protective film applied on both sides prevents the scratching of the compound material.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Compound material 4 mm Al-PE compound	natural-coloured anodised	4,0	5,80	3.000 x 1.500	2.970 x 1.470	DL-S-FE	FE-VM-4-CO

PLASTICS

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
Synthetic resin-impregnated cellulose with scratch-resistant coating for heavy-duty work surfaces and coverings. Other colours and thicknesses available on request.							
		[mm]	[kg/m ²]	[mm]	[mm]		
Plastic 4 mm	grey similar to RAL 7035	4,0	5,70	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-4-GRAU
Plastic 4 mm	dark blue similar to RAL 5010	4,0	5,70	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-4-DBLAU
Plastic 5 mm	grey similar to RAL 7035	5,0	7,15	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-5-GRAU
Plastic 6 mm	grey similar to RAL 7035	6,0	8,50	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-6-GRAU
Plastic 8 mm	grey similar to RAL 7035	8,0	11,40	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-8-GRAU
Plastic 10 mm	grey similar to RAL 7035	10,0	14,30	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-V-10-GRAU

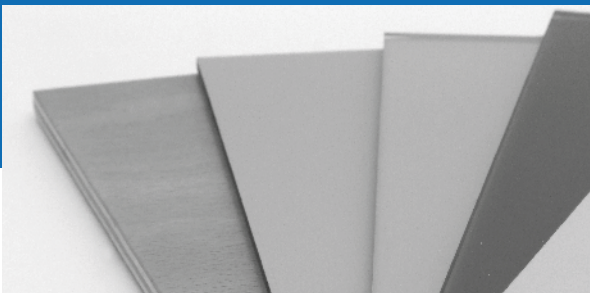


PANEL ELEMENTS


PLASTICS ESA							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
	Electrostatically conductive all-plastic panel made of cellulose impregnated with synthetic resin with scratch-resistant coating for heavy-duty work surfaces and disguises. The panels meet EPA requirements.						
		[mm]	[kg/m ²]	[mm]	[mm]		
Plastic ESA 4 mm	grey similar to RAL 7035	4,0	5,7	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-ESA-V-4-GRAU
Plastic ESA 10 mm	grey similar to RAL 7035	10,0	14,6	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-ESA-V-10-GRAU
Plastic ESA 16 mm	grey similar to RAL 7035	16,0	23,4	2.520 x 1.280	2.490 x 1.250	DL-S-FE	FE-ESA-V-16-GRAU

CORRUGATED MESH AL							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
	Corrugated mesh Al (natural surface) are suitable for partitions and protective cladding. They are often used in conjunction with clamping profiles. If the use of a mesh in combination with a standard series 8 profile is planned, a terminal block for corrugated mesh can be used as a safety measure. Mesh size: 30,0 mm; minimum width of one blank: 150,0 mm. Note: Double the wire thickness should be used as installation dimension (thickness).						
		[mm]	[kg/m ²]	[mm]	[mm]		
Corrugated mesh Al 3 mm 30x30	Al natural	3,0	1,60	3.000 x 1.810	2.970 x 1.780	DL-S-FE-G	FE-WG-AL3-30x30
Corrugated mesh Al 4 mm 30x30	Al natural	4,0	2,10	3.000 x 1.810	2.970 x 1.780	DL-S-FE-G	FE-WG-AL4-30x30

CORRUGATED MESH ST							
ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
	Corrugated mesh St (galvanised surface) are suitable for partitions and protective cladding. They are often used in conjunction with clamping profiles. Provided the use of a mesh in combination with a standard series 8 profile is planned, a terminal block for corrugated mesh can be used for securing. in this way. Minimum width of a cut: 150,0 mm. Note: The installation dimension (thickness) is double the wire thickness.						
		[mm]	[kg/m ²]	[mm]	[mm]		
Corrugated mesh St 4 mm 30x30	St galvanised	4,0	4,90	3.000 x 1.810	2.970 x 1.780	DL-S-FE-G	FE-WG-ST4-30x30
Corrugated mesh St 4 mm 40x40	St galvanised	4,0	4,60	3.000 x 1.810	2.970 x 1.780	DL-S-FE-G	FE-WG-ST4-40x40



CLAMP BLOCK FOR CORRUGATED MESH

ITEM	Description	Order no.	Drawing
	Grid elements can be fixated and clamped into a standard groove 8 using a clamp block for corrugated mesh. It is recommended to use a clamp block every 400,0 mm.		
Clamp block 8 for corrugated mesh		KB8-WG	
	Material: die-cast zinc, galvanised 2 grub screws M6x12, St, galvanised m = 21,5 g		

BEECH MULTIPLEX

ITEM	Type	Wire gauge	m	Plate dimensions	Cut max.	Cut	Order no.
	Multiplex panels are used as surface elements for the construction of shelves, tables and other operating equipment. In particular, they are available as robust worktops. Wood is a natural product. The veneer of a board may differ in grain and colour. Lacquering of plates occurs after cutting (lacquered edges). Connection processing such as cut-outs or radii are available on request.						
		[mm]	[kg/m ²]	[mm]	[mm]		
Beech multiplex 8 mm lacquered	Beech lacquered	8,0	5,9	2.500 x 1.300	2.470 x 1.270	DL-S-FE-MP8-10	FE-B-MP-8
Beech multiplex 20 mm lacquered	Beech lacquered	20,0	14,7	2.500 x 1.300	2.470 x 1.270	DL-S-FE-MP12-30	FE-B-MP-20
Beech multiplex 30 mm lacquered	Beech lacquered	30,0	22,1	2.500 x 1.300	2.470 x 1.270	DL-S-FE-MP12-30	FE-B-MP-30

Panel elements

