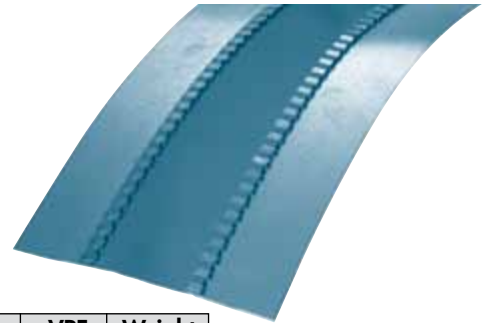


Flexible connections with sheet metal border

2.3.1 MEZ-EKA-BAND Polyester/PVC

Polyester/PVC

- PVC-coated polyester fabric
- Double-sided coating
- Air tight



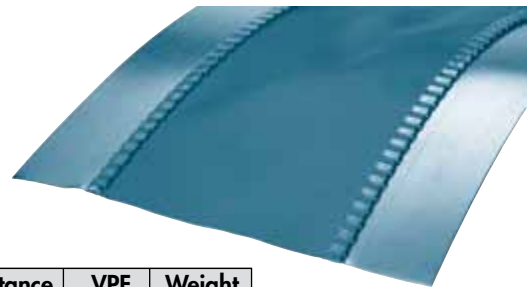
Art.-Nr.	Material	Metal sheet mm	Fabric mm	Metal sheet mm	Temperature Constant	resistance Short	VPE m	Weight kg/m
520	PVC grey	45	60	45	+50°C	+80°C	25	0,540
520/1	PVC grey	45	60	45	+50°C	+80°C	50	0,540
520/30040	PVC grey	30	40	30	+50°C	+80°C	25	0,400
520/30075	PVC grey	30	75	30	+50°C	+80°C	25	0,480
520/35100	PVC grey	35	100	35	+50°C	+80°C	25	0,520
521	PVC grey	65	95	65	+50°C	+80°C	25	0,800

Polyester/PVC with stainless steel border

Art.-Nr.	Material	Metal sheet mm	Fabric mm	Metal sheet mm	Temperature Constant	resistance Short	VPE m	Weight kg/m
520E	PVC grey	45	60	45	+50°C	+80°C	25	0,540

Polyester/PVC B1

- PVC-coated Polyester fabric
- With Certification report as per DIN 4102 B1/B2
- Double-sided coating
- Air tight
- Application e.g. on fire proof valve



Art.-Nr.	Material	Metal sheet mm	Fabric mm	Metal sheet mm	Temperature Constant	resistance Short	VPE m	Weight kg/m
534	PVC grey	45	120	45	+50°C	+80°C	25	0,520

Accessories:

GLUE (ADHESIVE)

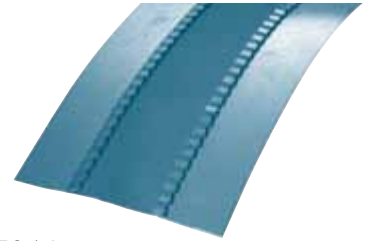
- For PVC and neoprene coated fabric

Art.-Nr.	VPE	Weight kg/can
535	can	0,650



MEZ-EKA-BAND Polyester/PVC (Art.-Nr. 520, 521 and 520E)

Backing fabric:	Polyester, warp and weft 1.000 den. = 1.100 dtex
Coating type:	PVC Fabric PT 600
Weight:	DIN 53352, ca. 600 g/sq.m
Tear resistance:	DIN 53354, chain ca. 2700 N/5 cm Weft ca. 2500 N/5 cm (ca. 300 kp)
Weather tear resistance:	DIN 53363, d.d. Chain ca. 250 N, d.d. Weft ca. 250 N
Low-temperature resistance:	DIN 53361, till - 30°C (243 K)
Temperature resistance*:	Permanent load: +50°C, Short-time load: +80°C (At +80°C in dry box no bleeding of plasticisers)
Flammability:	DIN 75200, Speed of spread of fire 100 mm/Min.
Dimensional stability:	Shrinkage/Elongation lesser than 1% in warp and weft direction
Light fastness:	DIN 53388, 7 - 8
Adhesive strength:	IVR - Guidelines 75 N/5 cm
Buckling resistance:	DIN 53359, Form A 100.000 bucklings
Compression proof:	waterproof and air tight till a pressure of 150 h Pa (If the material is put under excess pressure, even at temperatures till +80°C, a detailed statement is required)



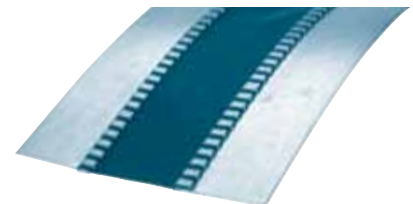
MEZ-EKA-BAND Polyester/PVC B1 (Art.-Nr. 534)

Backing fabric:	Polyester, Warp and weft 1.000 den. = 1.100 dtex
Coating type:	PVC Fabric PT 600 S
Equipment:	Unpainted
Weight:	DIN 53352, ca. 620 g/sq.m
Tear resistance:	DIN 53354, in Warp and weft ca. 2500 N/50 mm (ca. 300 kp)
Weather tear resistance:	DIN 53363, Chain/Weft 300/500 N
Flexural strength:	Chain/Weft 15/25 %
Low-temperature resistance:	DIN 53361, till - 30°C
Heat resistance:	Complan-guidelines: +70°C
Temperature resistance*:	Permanent load: +50°C, Short-time load: +80°C
Flammability:	B1 (DIN 4102)
Dimensional stability:	not more than 1% in warp and weft direction
Light fastness:	DIN 54004, > 6
Adhesive strength:	Complan -Guidelines, 20 N/cm
Buckling resistance:	DIN 53359, Form A 100.000 bucklings/no fissures
Compression proof:	waterproof and air tight till a pressure of 150 h Pa



MEZ-EKA-BAND Polyester/Neoprene (Art.-Nr. 522/523)

Carrier material:	neoprene fabric glass (PT NEO-GLAS)
Coating:	double-sided with polychloroprene
Overall thickness:	DIN 53353, ca. 0,38 mm
Overall width:	DIN 53352, 1270 mm
Tear-out force:	DIN 53354, Warp: 250 kp/5cm, Weft: 260 kp/5cm
Temperature resistance*:	Permanent load: +80°C, Short-time load: +130°C
Compression proof:	waterproof and air tight
Resistance:	Resistant against Oil and fat, excellent Resistant against ozone



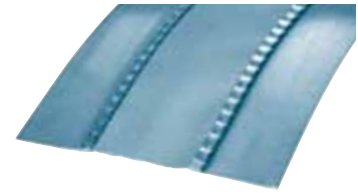
British Standard 476 Part 6 + 7 can be provided

* The temperature resistance is dependant on the operating conditions and hence is only be used as a benchmark. Thereby it is not legally binding and we also reserve all rights to make changes that have come about due to technical advancement.



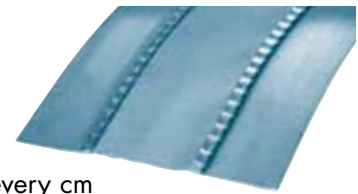
MEZ-EKA-BAND Fibre glass/Aluminium (Art.-Nr. 524/525)

Backing fabric:	Textile fabric glass, asbestos-free
Raw weight:	DIN 53854, 590 g/sq.m +/- 5%
Yarn density:	DIN 60850, Chain/Weft 14,0 je cm
Yarn count:	DIN 60850, Chain/Weft: EC9/204 in tex
Bonding:	DIN 61854, linen cloth-double bond
Tensile strength:	DIN 53857, Chain/Weft 1170 N/cm
Equipment:	Aluminium sheet
Total weight:	DIN 53854, 680 g/sq.m +/- 5%
Temperature resistance*:	Permanent load: +200°C, Short-time load: +450°C
Classification of burning behaviour:	DIN 66083 S-a



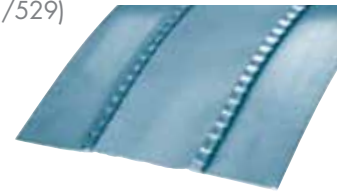
MEZ-EKA-BAND Fibre glass/Polyurethane (Art.-Nr. 526/527)

Backing fabric:	Textile fabric glass, asbestos-free
Equipment:	PU-Aluminium grey coated
Raw weight:	DIN 53854, 430 g/sq.m +/- 5%
Yarn density:	DIN 53853, Chain 19 every cm, Weft: 12 every cm
Yarn count:	DIN 60850, Chain/Weft EC 9/136 in tex
Bonding:	DIN 61854, broken twill 1/3
Tensile strength:	DIN 53857, Chain 1100 N/cm, Weft 700 N/cm
Total weight:	DIN 53854, 480 g/sq.m +/- 5%
Temperature resistance*:	Permanent load: +200°C, Short-time load: +450°C
Radiation:	+500°C bis +1000°C
Classification of burning behaviour:	DIN 66083 S-a



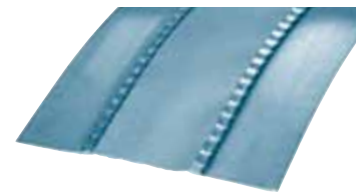
MEZ-EKA-BAND Fibre glass/Polyurethane/Aluminium (Art.-Nr. 528/529)

Backing fabric:	Textile fabric glass, asbestos-free
Equipment:	PU-Aluminium grey coated, one side AL-PES Foil
Raw weight:	DIN 53854, 630 g/sq.m +/- 5%
Yarn density:	DIN 53853, Chain 16 je cm, Weft 15 je cm
Yarn count:	DIN 60850, Chain/Weft je EC 9/204 in tex
Bonding:	DIN 61854, Atlas 1/7
Tensile strength:	DIN 53857, Chain 1350 N/cm, Weft 1260 N/cm
Total weight:	DIN 53854, 720 g/sq.m +/- 5%
Temperature resistance*:	Permanent load +200°C, Short-time load: +450°C
Radiation:	+500°C bis +1000°C
Classification of burning behaviour:	DIN 66083 S-a



MEZ-EKA-BAND Fibre glass/Silicone (Art.-Nr. 530/531)

Backing fabric:	Fabric filament glass
Equipment:	double-sided Silicone, silver-grey
Total weight:	DIN EN 12127, 1140 g/sq.m +/- 10%
Thickness:	DIN ISO 4603/E, 0,90 mm +/- 10%
Tear-out force:	DIN ISO 4606, Chain 740 N/cm and Weft 700 N/cm
Temperature resistance*:	- 36°C till +260°C
Classification of burning behaviour:	DIN 4102, B1 (indicative)



British Standard 476 Part 6 + 7 can be provided
Proof of tests as per CH – standards and French – MO, can be provided

*The temperature resistance is dependant on the operating conditions and hence is only be used as a benchmark. Thereby it is not legally binding and we also reserve all rights to make changes that have come about due to technical advancement.

