

Technical Data Sheet

Fabric tapes and fabric mats

Stability and strength increasement
in combination with PolymerMetals



MultiMetall
the MetalExistenceCompany®

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Technical Data Sheet

Fabric tapes and fabric mats

Product description

Fabric tapes and mats increase the stability and strength of a repair area when combined with PolymerMetals. In addition, with the help of fabric tapes and mats, PolymerMetals can be applied to areas where otherwise this wouldn't be possible due to missing supporting surfaces (i.e. larger leakages or cracks).

Technical data fabric tape (stainless steel)

Material:	wire cloth cut stainless steel 1.4301
Mesh aperture:	0,5 mm respectively 36 mesh
Dimensions:	100 cm x 10 cm x 0,2 mm

Technical data fabric tape (glass fibre)

Material:	glass filament fabric E-glass
Production type:	plain weave
Warp yarn:	EC9 tex 68
Weft yarn:	EC9 tex 34
Dimensions:	1000 cm x 5 cm x 0,25 mm

Technical data fabric mat (glass fibre)

Material:	glass filament fabric E-glass
Production type:	twill weave
Warp yarn:	EC9 tex 68
Weft yarn:	EC9 tex 68
Dimensions:	40 cm x 30 cm x 0,18 mm

Usage

All information about the handling with the material and the PolymerMetal respectively which shall be used together with the fabric tapes and mats can be found in the technical data sheet of the corresponding PolymerMetal.

When fabric tapes or mats (made of glass fibre or stainless steel) are used, the fabric should be completely coated and embedded in the PolymerMetal.

For this always apply the PolymerMetal thin but thoroughly on both sides of the fabric.

Several layers of fabric on top of each other lead to higher strength. In that case to achieve a good bonding between the coated fabric layers, apply an additional thin coat of PolymerMetal on one side before applying and pressing the corresponding coated fabrics.

Before applying one or several layers of coated fabrics onto the part to be repaired, the respective surfaces of this part must be provided with a thin coat of PolymerMetal.

It is important that prior to the application the PolymerMetal on the fabric as well as the one applied to the device's surface is always sufficiently soft, that means the pot life (processing time) of the corresponding PolymerMetal has not been expired.

The optional application roller can be used to spread the coating material evenly on to the fabric mats or tapes and to massage it in. Always avoid any air pockets in the PolymerMetal.

All used tools should be cleaned straight after use.

Order information

No.	Product	Unit
18	Fabric tape (stainless steel)	100 x 10 cm
20	Fabric tape (glass fibre)	1000 x 5 cm
22	Fabric mat (glass fibre)	40 x 30 cm



No.	Accessories	Unit
16	Mixing stick (stainless steel)	pc
23	Application roller	pc



Availability

Technical data sheets are generally available in German or English language. Fabric tapes and fabric mats are delivered worldwide within short time by MultiMetall. In addition to that our MM-products are internationally available from many MultiMetall-partners. Ask for further products from MultiMetall.

Note

The product information and instructions provided in this leaflet were prepared to the best of our knowledge and serve information purposes only. Application and processing of the products lie outside our possible control and are therefore the sole responsibility of the user.

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