



Fact sheet Glass fabric hose GSGW / heat protection hose / cord

In accordance with RoHS guideline 2011/65 EU and Reach regulation EG 1907/2006

produced acc. to DIN EN 60684 | flat impregnated | firm and consistent

Application:

As a heat protection or bandage material in windings of electrical machines who are used with high mechanical stress. The fabric is bonded (impregnated). The binder content lies between 5,0% and 7,5%.

Structure:

The glass fabric is made of alkali-free e-glass filament. The textile is braided fully covered on our modern braiding machines in our in-house braiding and has a wall thickness depending on the inner diameter of 0,2 mm to 1,5 mm. Like e-glass it is pure white in the state as delivered.

Impregnation:

The impregnation is made of a high-quality colourless ethylene-vinyl acetate (EVA) or silicon solutions.

Furthermore, we only use high-temperature-resistant matt black ceramic impregnation for areas of application up to 600°C.

Characteristics:

The glass fabric hose does not fray during cutting (firm and resistant), does not absorb water, demonstrates a low elongation and a high tensile strength and is not hazardous to our health (psychological indifference). The residue on ignition is about 2% after 6 hours at 600°C.

Delivery:

Glass fabric hoses GSGW and heat protection hoses are available in several thickness and widths from 0,5mm to 120mm. The finished hose is wound on a cardboard spool in adjusted quantities.

In this product area we also produce cords with and without bores, which are made and impregnated as describes above.

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