



Fact sheet Glass fabric hose GS.PUR-ME (yard goods)

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

Produced acc. to DIN EN 60684-3-409 | Insulation class F 155° C | UL 1441 File E203174 

Application:

In the manufacture of motors and transformers, for the protection of electrically, thermally and mechanically used components and machines, plants and apparatus construction.

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 0,8 mm.

In the following process the glass fabric hoses are made fit corresponding to the inner diameter of the hose.

Impregnation:

The impregnation is made of high-quality hydrolysis resistant covering varnish (PUR), which is bonded to the glass fabric hose in several steps according to breakdown-voltage and wall thickness.

Characteristics:

dielectric strength	4 – 6kV
Nennspannung	1,0kV
continuous temperature	+ 155° C
short-term temperature	+ 180° C
resistance to cold	bis - 30° C geeignet.
	In fixed installations it works at lower temperatures.

Halogen free,
resistant to moisture,
resistant to commercially available oils and impregnating varnish
not hazardous to health (psychological indifference)

Dimensions and tolerances:

dimension of the inner diameter in mm:

From	0,5	2,1	6,1	8,1	14,1	20,1	25,1
Up to	2,0	6,0	8,0	14,0	20,0	25,0	50,0

Tolerances:	+0,3	+0,4	+0,5	+0,5	+0,8	+1,0	+1,2
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Wall thickness:	0,5±1	0,5±1	0,5±1	0,6±1	0,65±1	0,7±1	1,0±2
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Finishing and colours:

From 0,5mm up to 20,0mm
on continuous cardboard spoolsor/and natural (colourless) and in black full-colour impregnated

0,5mm-8,0mm
continuous and/or yard goods full-coloured in red, green, blue, brown, yellow (impregnated)

0,5mm-20,0mm
continuous and/or natural (colourless) yard goods and coloured tracer thread in black, red, green, blue, brown, yellow

Delivery:

From 0,5mm to 20,0mm are available 25 meters, 50 meters and 100 meters per packaging according to quantity.

In the diameter range 22,0mm to 50,0mm the glass fabric hoses are only produced and delivered as yard goods with a dielectric strength of 4kV

Packaging units for yard goods	22,0 mm bis 38,0 mm – 50 Meter
	40,0 mm bis 50,0 mm – 25 Meter

The packing of glass fabric hoses can also be made on cutting machines.
Other constructions and combinations on demand.

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