

Fiberglass tube

FITCOFLEX® - GLS SIL

Fiberglass tube coated with silicone-elastomer lacquer

Application:

Fabric-containing insulating hose has excellent thermal, electrical, mechanical and physiological properties. These are used in numerous fields of application, e.g. electrically controlled devices, heating and air-conditioning construction as well as mechanical and vehicle engineering.

Operating temperature: -45°C up to +230°C

Standard colors: Natural
Other colours on request



Description	Inner diameter (mm)		Wall thickness (mm)	
	Nominal size	Limit dimensions +	Min.	Max.
FITCOFLEX-GLS SIL 0,3	0.3	0.1	0.15	0.30
FITCOFLEX-GLS SIL 0,5	0.5	0.2	0.20	0.50
FITCOFLEX-GLS SIL 0,8	0.8	0.2	0.20	0.50
FITCOFLEX-GLS SIL 1,0	1.0	0.4	0.20	0.60
FITCOFLEX-GLS SIL 1,5	1.5	0.4	0.20	0.60
FITCOFLEX-GLS SIL 2,0	2.0	0.4	0.20	0.70
FITCOFLEX-GLS SIL 2,5	2.5	0.4	0.20	0.70
FITCOFLEX-GLS SIL 3,0	3.0	0.4	0.20	0.70
FITCOFLEX-GLS SIL 4,0	4.0	0.5	0.30	0.70
FITCOFLEX-GLS SIL 5,0	5.0	0.5	0.30	0.70
FITCOFLEX-GLS SIL 6,0	6.0	0.5	0.30	0.70
FITCOFLEX-GLS SIL 8,0	8.0	0.5	0.30	1.00
FITCOFLEX-GLS SIL 10	10	1.0	0.40	1.00
FITCOFLEX-GLS LAC 12	12	1.0	0.40	1.20
FITCOFLEX-GLS LAC 16	16	2.0	0.40	1.20

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Packaging: On rings, endlessly manufactured

Attributes	Testing	Value
Thermal		
Thermal class	-	C
Flexibility after heat storage and low temperature	DIN EN 60684	Pass
Hydrolysis of the coating	DIN EN 60684	Pass
Electric		
Dielectric strength	DIN EN 60684-Sheet 401	Min. 3,3 kV (higher on request)
Volume resistivity at room temperature	DIN EN 60684	Min. 10 ⁵ MΩ
Flammability	DIN EN 60684 Procedure B	Max. 60s