

Data sheet: Glass braided sleeve thermally rounded (SV51)

Definition and design: Braided sleeve: braided out of glass fibre (E-Glass*)
Treatment: rounded thermally

Typical Characteristics: The protecting sleeves SV51 have good mechanical properties at a temperature range up to +500°C. Due to being thermally rounded cutting edges are only fraying lightly. Also a higher stiffness as untreated braided sleeve is given.

Application: Could be used as protecting sleeve in very difficult kind of application.

Technical requirements: Continuous temperature resistivity: + 500°C

Properties:

Temperature resistivity	+ 500°C
Diameters	0,4 - 20 mm
Wall thickness (single)	0,2 - 0,5 mm (according to diameter)

*It is owing to the raw material used that the elements Lead (< 0,02 % by weight), Mercury (< 0,000001 % by weight), Cadmium (< 0,000001 % by weight), hexavalent Chromium (< 0,015 % by weight) and Arsenic (> 0,005 % by weight) are to be found in oxidic form on a ppm scale in the manufactured glass melt which is used for production of the textile glass fibres procured by us. Furthermore the elements Antimonide (< 0,00001 % by weight), Beryllium (< 0,00001 % by weight) and Nickel (< 0,00002 % by weight) are contained. A reduction of these oxides is not feasible. As the oxides are constituents of the glass are harmless however as far as health is concerned. Our product or achievement data and other technical statements are only general guidelines - they describe only the condition of our products and achievements and represent no warranty in sense to § 443 BGB. Because of that variety of the intended purposes of the individual product and the respective special conditions is incumbent on the user own testing. In case of ambiguity the German version of this data sheet is legal. This data sheet replaces all preceding expenditures!