

## Material DataSheet

Silicone E Glass Fire Sleeve 260 °C



## Product Feature

Property	Unit	Average Value	Test Method
Continuous application temperature	[°C]	-54 – 260	
Short time temperature resistance	[°C]		EN 373:1993 using Iron
15 – 20 min		1093	
15 – 30 sec		1650	
Nominal inside diameter	[mm]	6 – 128 on request	PA 001*
Wall thickness	[mm]	3 – 5 according to product diameter	PA 001*
Combustibility		not flammable	EN ISO 6940:2004
Coating		Iron oxide red silicone rubber *	
Glass type		E-glass	
Chemical resistance		resistant to hydraulic fluids, fuel, lubricating oil, also the most acids and chemicals	
Durability of resistance		no influence after 120 hours of treatment in Mill L – 6082 and Skydrol 500 at 25°C	

\* Other colours are available on request

## Information

### \* Test procedure according to test instruction PA-001

Optional:	Cut product length (Tolerance: +/- 3mm) available on request.
Technical Certifications:	DNV-GL Certified to 800°C/30mins. (ISO15540 & ISO15541) Technical Certifications: SAE AS1072E Compliant MSHA Certified for use in underground mines UL 1441 Certified VW1 Flame Test Certified BS EN 373 Molten Splash Tested, BS EN 388 Abrasion Tested BS EN ISO 6940 Flame Resistance Tested, BS EN ISO 6530 Oil Resistance Tested BS 2576 Tensile Strength Tested DIN 45545 Low Smoke Toxicity DIN 54837/5510-2 Rail Vehicle Certified for Resistance to Combustibility DIN 5659-2/5510-2 Rail Vehicle Certified for Toxicity LNE French Rail Certification STM-S-001; Class F0 DIN EN 45545-2:2013-08 Rail Certification
Storage conditions:	Dry, protect against humidity and direct sunlight (storage temperatures 10 – 15 °C, relative humidity 40 – 70 %), use the original package.
Shelf life:	We recommend to use the material within 6 months after delivery date, or within 24 months after date of manufacture. Before processing, the material should be conditioned by exposing it to the processing climate for 24 hours.

The information given in this document corresponds to our knowledge relative to the product at the mentioned date. It is given in good faith. Furthermore users attention is drawn to the possible risks when the product is used for other purposes than the one for which it was designed. In no cases it exempts the user from knowing and applying the texts regulations his activities. He will take sole responsibility for precautions regarding the way he uses the product. As of: June 2015