



Pyrosleeve PGH.20/ROS

Red Oxide Silicone Coated Glass Fibre Sleeving

PGH.20/ROS sleeving is manufactured from 'E' glass fibre yarn knitted to form a sleeve and coated with high grade iron oxide silicone elastomer rubber.

PGH.20/ROS sleeving possesses outstanding characteristics making it ideal for protecting hose assemblies, cables, and wires.

- High flexibility
- Continuous protection at an operating temperature of 260 deg. C
- Ability to withstand a molten metal splash at 1200 deg. C
- Highly resistant to most oils, hydraulic fluids, fuels, acids and alkalis
- When exposed to flame the high grade rubber will form a protective SiO₂ layer
- Health & Safety - Provides personnel with protection against burns from hot hoses, steam lines etc.
- Helps to reduce energy loss by retaining heat within pipework
- Excellent flame resistance
- Good abrasion resistance

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Available Sizes Nominal inside diameters (mm)		Characteristics
6		
10	Effect of heat	Will not burn. Retains 75% tensile @ 340 °C
13		
16		
20		
22	Effects of acids & alkalis	Resistant to acids is fair. Resistance to Alkalis is good
25		
28		
32		
35	Silicone rubber Durometer, Shore A Initial Aged 240hrs @ 200 °C	
38		
41		35
44		45
50		
57	Dielectric Strength	30Kv +
63		
70	Tensile Strength	400,000 – 500,000 psi
76		
83	Elastic Recovery	100%
89		
95	Specific Gravity	2.54 – 2.69
102		
114	Effect of bleaches & solvent	unaffected
127		

Standard method of Supply : 15M coils

Can be supplied in other forms e.g. layered into boxes. – subject to size & Quantity

Other diameters – . Velcro fasten versions (for retro fit) or larger inside diameter sleeves with Velcro and /or turnbuckle fastenings can be produced to order. These are available up to 300mm inside diameter.

Pyroglass operates a policy of continuous technical improvement. We reserve the right, therefore, to modify products without prior notification.

The information provided above does not form a specification.

Because Pyroglass cannot be aware of all customer applications , no warranty confirming the fitness or suitability of the product for any particular application can be given. Any proposed use of a Pyroglass product should be tested and the performance independently confirmed.