

Protective Slewing

THERMOTUBIX® Aerospace

Glass fibre, Silicone

Thermal Slewing

Thermal Management

Thermotubix® Aerospace slewing is a thickwall braided fibreglass inner lining, coated with a specially compounded, flame retardant silicone rubber. This product can be easily installed on cables and hoses and expands to pass over fittings and couplings.

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The aerospace grade offers an effective protection against sustained high temperatures, flames and molten metal splashes that can seriously damage electrical cables and hydraulic, gas and lubricant supply lines

The construction of Thermotubix Aerospace ensures an excellent fire protection for tubing up to +1100°C peak temperature according to SAE-ASTM specifications.

This product provides thermal protection against internal and external hazards in a variety of industries, including aerospace, marine, iron and steel, plus automotive.

Features & Benefits

- Fire protection up to +1100°C (15 min) and +800°C (30 min).
- Flexibility to -54°C
- Resistant to hydraulic fluids and lubricating oils.

Operating Temperature

- From -54°C to +260°C



RoHS Compliant

Specifications & Approvals

- SAE Aerospace AS 1072 Type 2
- Tested in accordance with UL 73 and conform to UL 181 standards.
- EN 45545-2

Notes

Also available with an indelible ink marking, for more information please contact us.

For further information on this or other products in our range, or for assistance with your specific requirements, please contact us.

All numeric data shows average or typical values.

Thermobande®

There is also a coated fibreglass tape, called Thermobande® available. This is often used for fire protection of tubing after the fitting of end terminations.

Available in six different sizes ranging from 25mm to 152mm wide, to accommodate most situations.

Please contact us for more information.

Properties	Test	Results
Low temperature flexibility	ASTM D-746	-54°C
Peak temperature		15 min. at +1100°C 30 min. at +800°C
Flammability	ASTM D-350, Method B	Not flammable
Fire / Smoke / Toxicity	NF 16101 & NF 16102 DIN 5510 §2 & 54837 DIN EN ISO 5659-2 EN 45545-2	I2 F0 S4, SR2, ST2 CIT 8 min: 0.036 / FED 30 min: 0.031 R22, HL3, R23, HL3 > 64mm R9 HL3
Fluid resistance	1 Hour soak in: Gasoline, Engine oil, Power steering fluid, Transmission fluid, Coolant, Battery acid.	No cracking or degradation resulted from soak in any of the tested fluids.

Inside Diameter	Wall Thickness	Std Pack Size	Part Number
Nominal (mm)	mm	Spools	
8.0	4.0	30m	THERMOTUBIX-8
9.5	4.0	30m	THERMOTUBIX-9.5
12.7	4.0	30m	THERMOTUBIX-12.7
16.0	4.0	30m	THERMOTUBIX-16
19.0	4.0	30m	THERMOTUBIX-19
22.0	4.0	30m	THERMOTUBIX-22
25.0	4.0	15m	THERMOTUBIX-25
32.0	4.0	15m	THERMOTUBIX-32
38.0	4.0	15m	THERMOTUBIX-38
45.0	4.0	9m	THERMOTUBIX-45
51.0	4.0	9m	THERMOTUBIX-51
57.0	4.0	9m	THERMOTUBIX-57
64.0	4.0	6m	THERMOTUBIX-64
76.0	4.0	6m	THERMOTUBIX-76
89.0	4.0	6m	THERMOTUBIX-89
101.0	4.0	6m	THERMOTUBIX-101

6m and 9m standard packaging spools are supplied in one continuous length 15m and 30m with variable cut lengths with a minimum of 4.5m length.

Part Number Example; THERMOTUBIX-51 51mm inside Ø, supplied in 9m spools as standard.

Ordering Information

Standard Colour:

Red iron oxide

Standard packaging:

Spools only, for MOQ please contact us

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