

PROTECTIVE SLEEVING

Aerospace Thermotubix®

Thick wall braided fibreglass sleeving

Applications

Thermotubix is a thick wall braided fibreglass sleeving coated with a specially compounded, flame retardant silicone rubber. Thermotubix is easily installed and expands to pass over fittings and couplings.

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Thermotubix Aerospace grade offers an effective protection against sustained high temperatures, flames and molten metal splashes that can seriously damage electrical cables as well as hydraulic, gas and lubricant supply lines.

The construction ensures an excellent fire protection for tubing and cable assemblies up to +1100°C peak temperature, according to SAE-ASTM specifications.

Thermotubix provides thermal protection against internal and external hazards in a variety of industries, including aerospace, naval, iron, steel and off-shore petrochemical and gas platforms.

Features & Benefits

- Fire protection up to +1100°C (15 min), up to +800°C (30 min)
- Flexible to -54°C
- Resistance to hydraulic fluids and lubricating oils

Operating Temperature

- -54°C to +260°C



Note: For further information on the Aerospace and Industrial Thermotubix product range or for assistance with your specific sleeving requirements, please contact us.

Technical Performance

Properties	Test	Results
Operating temperature range	-	-54°C to +260°C
Low temperature flexibility	ASTM D-746	-54°C
Flammability	ASTM D-350, Method B	Does not burn
Peak temperature	-	15 min at +1100°C
	-	30 min at +800°C
Fire/fume	NFC 16.101	M2-FO
Fluid resistance	1 Hour soak in: gasoline, engine oil, power steering fluid, transmission fluid, coolant, battery acid	No cracking or degradation resulted from soaking in any of the test fluids

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Aerospace Thermotubix Dimensions (all dimensions are in mm)

Internal Diameter (mm)	Wall Thickness (mm)	Standard Packaging (m)	Ordering Description
8	4	30	THERMOTUBIX-8
9.5	4	30	THERMOTUBIX-9.5
12.7	4	30	THERMOTUBIX-12.7
16	4	30	THERMOTUBIX-16
19	4	30	THERMOTUBIX-19
22	4	30	THERMOTUBIX-22
25	4	15	THERMOTUBIX-25
32	4	15	THERMOTUBIX-32
38	4	15	THERMOTUBIX-38
45	4	9	THERMOTUBIX-45
51	4	9	THERMOTUBIX-51
57	4	9	THERMOTUBIX-57
64	4	6	THERMOTUBIX-64
76	4	6	THERMOTUBIX-76
89	4	6	THERMOTUBIX-89
101	4	6	THERMOTUBIX-101

Note: Aerospace Thermotubix is also available with an indelible ink marking, for more information please contact us.

Ordering Information

Standard colour: Red iron oxide.
 Ordering description: Specify product name, size and colour: THERMOTUBIX-51.
 Ordering Example: A red iron oxide protective sleeve capable of covering a 15mm cable diameter is required = THERMOTUBIX-16.

