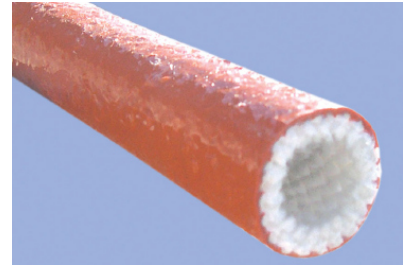


Thermotubix Aerospace

Aerospace Thermotubix is a thickwall braided fiberglass sleeving 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.

Aerospace Thermotubix 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 ensures an excellent fire protection for tubing up to +1100°C (+2012°F) peak temperature according to SAE-ASTM specifications. This product provides thermal protection against internal and external hazards in a variety of industries, including aeronautics, naval, iron and steel, and automotive. There is also a coated fiberglass tape, called Thermobande available. This is used for the fire protection of tubing after the fitting of end terminations.

Product Facts

- Operating Temperature: -54°C to +260°C
- Fire Protection up to +1100°C / 15min. or +800°C / 30min.
- Flexibility to -54°C
- EN45545-2
- UL 73 tested, compliant with UL 181 Standards
- SAE 1055

Property	Test Method	Result
Operating Temperature		-54°C to +260°C
Low Temperature Flexibility	ASTM D-746	-54°C
Flammability / Smoke / Toxicity	ASTM D-350, Methode B NF 16101 – NF 16102 DIN 5510-2 DB 54837 DIN EN ISO 5659-2 EN45545-2 ASTM E 662 – ASTM E 162 SMP 800-C – BSS 7239	Nicht entflammbar I2 F0 S4, SR2, ST2 CIT 8min : 0.036 ; FED 30min : 0.031 R22 HL3, R23 HL3 >64mm R9 HL3 Bestanden Bestanden
Fire Resistance		15min bei +1100°C 30min bei +800°C
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 fluid

Dimensions in mm

Part Number	Inside Diameter	Wall Thickness	NATO Specifications	Part Number
Thermotubix 8-12	8	4	5970-14-455-2318	4001000810F0100
Thermotubix 9.5-12	9.5	4	5970-14-455-2322	4001001010F0100
Thermotubix 12.7-12	12.7	4	5970-14-455-2324	4001001310F0100
Thermotubix 16-12	16	4	5970-14-413-6212	4001001610F0100
Thermotubix 19-12	19	4	5970-14-413-6213	4001001910F0100
Thermotubix 22-12	22	4	5970-14-413-6214	4001002210F0100
Thermotubix 25-12	25	4	5970-14-413-6215	4001002510F0050
Thermotubix 32-12	32	4	5970-14-413-6216	4001003210F0050
Thermotubix 38-12	38	4	5970-14-413-6217	4001003810F0050
Thermotubix 45-12	45	4	5970-14-413-6220	4001004510F0030
Thermotubix 51-12	51	4	5970-14-413-6221	4001005110F0030
Thermotubix 57-12	57	4	5970-14-413-6222	4001005710F0030
Thermotubix 64-12	64	4	5970-14-455-2328	4001006410F0020
Thermotubix 76-12	76	4	5970-14-455-2331	4001007610F0020
Thermotubix 89-12	89	4	5970-14-455-2332	4001008910F0020
Thermotubix 101-12	101	4	5970-14-455-2334	4001010110F0020