

Fire Protection Tube

FITCO®Therm-BO-FS

FITCO®Therm-BO-FS sleeves are designed to protect wires, cables and hoses from high heat exposure, flame, molten metal splash and welding sparks. FITCO®Therm-BO-FS is a thickwall braided fiberglass sleeving coated with a flame-retardant silicone rubber which can even expand to pass over fittings and couplings. Its special compound offers a very good fire protection. It offers a very good abrasion resistance as well as a very good thermal insulation.

Operating temperature: +260°C

Standard color: Red, Black,
other colours on request



Description	Inner Diameter (mm)	Wall thickness (mm)
FITCO® Therm-BO-FS 4	4	1.0
FITCO® Therm-BO-FS 6	6	1.2
FITCO® Therm-BO-FS 8	8	1.3
FITCO® Therm-BO-FS 10	10	1.6
FITCO® Therm-BO-FS 12	12	1.7
FITCO® Therm-BO-FS 15	15	2.1
FITCO® Therm-BO-FS 20	20	2.3
FITCO® Therm-BO-FS 25	25	2.6
FITCO® Therm-BO-FS 30	30	2.9
FITCO® Therm-BO-FS 32	32	3.0
FITCO® Therm-BO-FS 35	35	3.1
FITCO® Therm-BO-FS 38	38	3.3
FITCO® Therm-BO-FS 40	40	3.4
FITCO® Therm-BO-FS 45	45	3.5
FITCO® Therm-BO-FS 50	50	3.7
FITCO® Therm-BO-FS 55	55	3.9
FITCO® Therm-BO-FS 60	60	4.0
FITCO® Therm-BO-FS 65	65	4.2
FITCO® Therm-BO-FS 70	70	4.3
FITCO® Therm-BO-FS 75	75	4.4
FITCO® Therm-BO-FS 80	80	4.7
FITCO® Therm-BO-FS 85	85	4.8
FITCO® Therm-BO-FS 90	90	5.0
FITCO® Therm-BO-FS 95	95	5.5
FITCO® Therm-BO-FS 100	100	5.6
FITCO® Therm-BO-FS 105	105	5.7
FITCO® Therm-BO-FS 110	110	5.7
FITCO® Therm-BO-FS 115	115	5.7
FITCO® Therm-BO-FS 120	120	5.8

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Packaging: 15 or 20 mtr coils, cut lengths on request

Storage and shelf life information:

FITCO®Therm-BO-FS may be stored (in its original and unopened packaging) at a temperature <40°C and at a humidity between 30% and 70% for up to 6 months (starting from manufacturing date).

Properties	Methods	Typical Values
Physical		
Wall thickness	-	>2mm
Silicone layer	-	>1mm
Flammability	VW-1 (UL1441-2021)	PASS
Fire resistance	ISO 15540:2016	PASS
Chemical		
Fluid resistance (Engine Oil, road salt water, E85, M10, diesel fuel, power steering, automatic transmission fluid, engine coolant, battery acid, brake fluid, diesel emission fluid, windshield washer fluid)	SAE J2192-2021 sec.7.7	PASS
Temperature		
High Temperature Testing (30 sec./ 1200°C)	Internal	PASS
Peak temperature (Flame gun / 1650°C)	Internal	Pass
Low temperature (-60°C)	ASTM D746-20	PASS
Smoke & Toxicity		
Oxygen index	EN45545-2:2020	PASS
Smoke density	EN45545-2:2020	PASS
Toxicity index	EN45545-2:2020	PASS