

Thermal Reflective Tube

FITCO® Flect CIFG

FITCO® Flect CIFG is a reflective sleeve designed to provide thermal protection from both radiant and convective heat. Composed of a braided fiberglass and polyester base fabric and a lamination of aluminum foil, the product can withstand convective heat soaks up to 200°C and simultaneously protect critical components from radiant heat reflected heat.

The unique braided structure impacts a high level of flexibility than in other reflective products. It also allows the product to maintain a circular profile when flexed.

The Flexible design of FITCO® Flect CIFG allows for quick and easy installation. Chemical and mechanical protection of cables. Ideal for protecting electronic components in high temperature areas.

Operating temperature: Up to + 200°C
CIFG: Circular Fiberglass Corrugated



Description	Nominal size	
	inch	mm
FITCO® Flect CIFG 3/8	0.375	9.5
FITCO® Flect CIFG 1/2	0.500	12.7
FITCO® Flect CIFG 9/16	0.562	14.3
FITCO® Flect CIFG 5/8	0.625	15.8
FITCO® Flect CIFG 3/4	0.750	19.0
FITCO® Flect CIFG 7/8	0.875	22.2
FITCO® Flect CIFG 1	1.000	25.4
FITCO® Flect CIFG 1-1/4	1.250	31.7

*Other sizes on request

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Packaging: FITCO®Flect CIFG is typically cut to length for each application. Lamination is aluminum foil.

Properties	Test Method	Typical Value
Mechanical		
Tensile strength	ASTM D 5035	Pending
Tear strength	ASTM D 5733	Pending
Thermal		
Thermal endurance (6h x 200°C)	Heat soak	No Delamination
Flammability	ASTM D 350, Method B	Self-extinguishing
Chemical		
Fluid resistance	-	No delamination in standard automotive fluids

Key Benefits:

- Excellent radiant heat protection
- Convective heat protection up to 200°C / 392°F
- Highly flexible
- Fluid and chemical resistant