

Braided hose

FITCO® Crash-Wrap

FITCO® Crash-Wrap is a self-wrapping sleeve designed to provide superior cut through protection for electrical cables. The tough construction enables the product to absorb and disperse energy, thus preventing damage to the electrical cable inside. It also has a light, flexible structure that does not impede cable routing. The self wrapping feature of FITCO® Crash-Wrap allows for quick and easy installation and removal of the product for assembly or maintenance.

Application:

Automotive industry, aviation industry, medical equipment, industrial and environmental technology.

Operating temperature: -70°C up to +150°C

Standard colors: Orange, Black.



Description	Nominal Size	
	mm	inch
FITCO® Crash-Wrap-10	10	3/8
FITCO® Crash-Wrap-13	13	1/2
FITCO® Crash-Wrap-16	16	5/8
FITCO® Crash-Wrap-16	19	3/4
FITCO® Crash-Wrap-25	25	1.0
FITCO® Crash-Wrap-32	32	1-1/4

Key Benefits:

- Exceptional abrasion protection and cut through resistance
- Lightweight and flexible
- Automotive fluid and chemical resistance
- Orange colored for high voltage cables in electrically powered vehicles

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Packaging: Typically cut to length for each application.
Bulk spool sizes available.

Properties	Test Method	Typical Value
Flammability	GMW 3232 (Ref. FMVSS 302)	100mm/min (max.)
Dynamic Cut-Through	ASTM 3032, section 22	1300 New Minimum
Impact resistance	Internal Method M;- FPM44 (radius blade on impact 1/6")	No evidence any exposure of the copper conductor after test
Abrasion resistance	ISO 6722	350.000 cycles minimum
Fluid resistance	GMW 14327	No cracking or degradation after fluids exposure
Low temperature flexibility	GMW 14327	No cracking or degradation after cold exposure
Hot/Cold cycling (3 cycles, after wrapped around mandrel 4X)	SAE J 2192	No signs of decomposition or loss of flexibility
Heat Aging (Long Term)	GMW 14327	No cracking or degradation after aging
Heat Aging (Short Term) (oven aging at 175°C / 240h)	Internals method M-FPM37	No rupture, no cracks, no visible damage