

Braided hose

FITCO® Guard

Lightweight and flexible for easy installation, can accommodate multiple shapes and maximize the life span of any component upon application. The sleeve's braided composition resists end fray and makes it compatible with extreme environments.

Protective sleeve designed to provide maximum abrasion protection for cables, hoses, wires and other elements. Its durability offers excellent burst prevention and effectively protects against impact damage for: Automotive industry, aviation industry, medical equipment, industrial and environmental technology.

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

Standard color: Black



Description	Nominal Size	
	mm	inch
FITCO® Guard-13	13	1/2"
FITCO® Guard-16	16	5/8"
FITCO® Guard-19	19	3/4"
FITCO® Guard-22	22	7/8"
FITCO® Guard-25	25	1"
FITCO® Guard-32	32	1-1/4"
FITCO® Guard-38	38	1-1/2"
FITCO® Guard-45	45	1-3/4"
FITCO® Guard-51	51	2"
FITCO® Guard-57	57	2-1/4"
FITCO® Guard-64	64	2-1/2"

Special sizes on request, Wrap Version on request

Properties:

- Excellent abrasion protection
- Superior burst and impact resistance
- High flexibility
- Fluid and chemical resistance
- Shape conforms to components

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

Properties	Test Method	Typical Values
Property	Test Method	Value
Abrasion resistance	SAE ARP 1536A	No breakthroughs or fraying of the sleeve after 1,300,000 cycles
Scrape abraision	ISO 6722	≥30,000 cycles
Flammability	GMW 3232 (ref. FMVSS 302)	≤100mm/60s
Fluid resistance (contact to Automotive fluids)	GMW 14327	No cracking or degradation after fluids exposure
Low temperature flexibility (at -70°C for 8h)	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 degradation or loss of flexibility
Heat aging (oven aging at 150°C/1500 h)	GMW 14327 (ref. ISO 188, method B)	No signs of degradation.