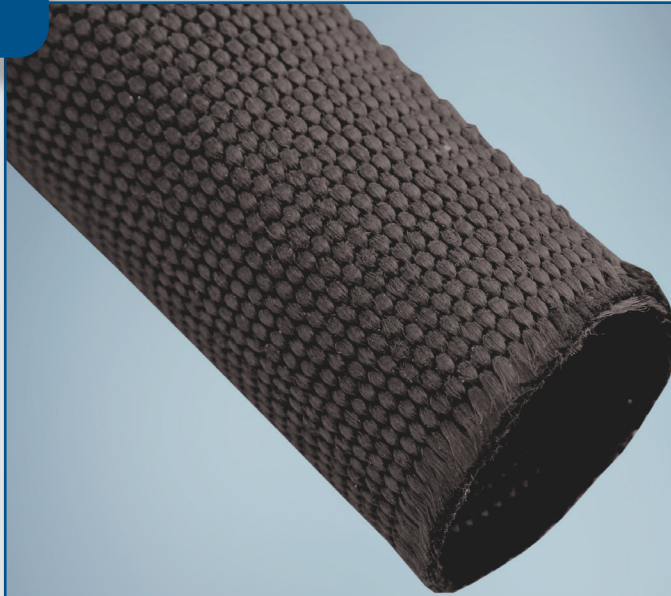


## Product Highlights

- Operating temperature up to +125°C (+260°F)
- Enhanced abrasion resistance
- MSHA acceptance: IC - 171/1
- Available in black only
- High coverage for maximum protection
- Fluid resistant
- Custom printing available



**ProGard®** is a durable, woven nylon sleeve constructed of high denier nylon yarn. ProGard provides enhanced abrasion protection over hose assemblies, cables, wires and other applications where rugged environments may cause wires and hoses to be chafed and damaged.

ProGard's dense construction provides maximum coverage of the hoses and cables it protects, assuring enhanced abrasion and cutthrough resistance. These properties extend the service life of the protected component, and provide the cost savings associated with decreased hose replacements.

ProGard is used in a wide range of industries including hydraulics, mining, construction & agriculture.



ProGard installed on a hydraulic hose



Our manufacturing sites are certified ISO 9001, IATF 16949, or AS/EN 9100, ISO 14001 and ISO 45001 (Selected Sites)

# Performance Data – ProGard®

Property	Test Method	Result
<b>Operating Temperature</b>	EN6059-302	Up to +125°C (+260°F)
<b>Flammability</b>	30 CFR § Section 18.65	Pass (MSHA acceptance IC-171/1)
<b>Low Temperature Flexibility</b>	BH 100-016A	-70°C (-94°F)
<b>Abrasion Resistance</b>	BH 100-003A	Excellent resistance
<b>Fluid Resistance</b>	BH 100-003A	Sleeve Visual Inspection
1:1 Ratio of Antifreeze / Water		Passed
Transmission Fluid		Passed
ASTM reference Fuel B		Passed
Brake Fluid		Passed
Diesel Reference Fuel LRSD-4		Passed
10W30 Motor Oil		Passed
Power Steering Fluid		Passed
3% Salt Water		Passed
Windshield Washer Fluid		Passed
<b>Dynamic Cut-Through</b>	ASTM D3032 Parallel to fill direction Parallel to warp direction	7618 7606

All numeric performance data shows average or typical values. Please consult your sales representative for product drawings, test reports and OEM approvals.

## Standard Sizes

Product Reference	Nominal Size mm (in)	Standard Packaging m (ft)
ProGard 12-0	19 (3/4)	30 (100)
ProGard 16-0	25 (1)	30 (100)
ProGard 20-0	32 (1-1/4)	30 (100)
ProGard 24-0	38 (1-1/2)	30 (100)
ProGard 28-0	45 (1-3/4)	30 (100)
ProGard 32-0	51 (2)	30 (100)
ProGard 36-0	57 (2-1/4)	30 (100)
ProGard 40-0	64 (2-1/2)	30 (100)
ProGard 44-0	70 (2-3/4)	30 (100)
ProGard 48-0	76 (3")	30 (100)

## Availability

ProGard® is available in a range of sizes from 19mm (3/4") to 76mm (3") in 1/4" increments.

Standard color is black.

## Part Numbering System

Example	Product Name	Size	Color	Quantity
	ProGard 24-0	38	0 (black)	30m (100ft)



United States: (1) 800 926 2472 • México: (52) 442 101 8100 • Brazil: (55) 19 3116 1600  
 EMEA: (33) 3 44 39 06 06 • Japan: (81) 45 330 0300 • China: (86) 21 6182 7560  
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