



ABRASION/MECHANICAL

ProGard®

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, ISO/TS 16949, or AS/EN 9100, and ISO 14001

PROGARD_08262014

BentleyHarris®
Protection Products

Performance Data – ProGard®

| Property | Test Method | Result |
|---------------------------------|----------------------------|---------------------------------|
| Operating Temperature | EN6059-302 | Up to +125°C (+260°F) |
| Flammability | 30 CFR § Section 18.65 | Pass (MSHA acceptance IC-171/1) |
| Low Temperature Flexibility | BH 100-016A | -70°C (-94°F) |
| Abrasion Resistance | BH 100-003A | Excellent resistance |
| Fluid Resistance | 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 |
| Dynamic Cut-Through | ASTM D3032 | |
| | Parallel to fill direction | 7618 |
| | Parallel to warp direction | 7606 |

All numeric performance data shows average or typical values.

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) |

Part Numbering System

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

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Availability

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

Standard color is black.

USA: (1) 800 926 2472
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Japan: (81) 45 479 0201
China: (86) 21 6182 7688

www.federalmogul.com/sp

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