

Product Highlights

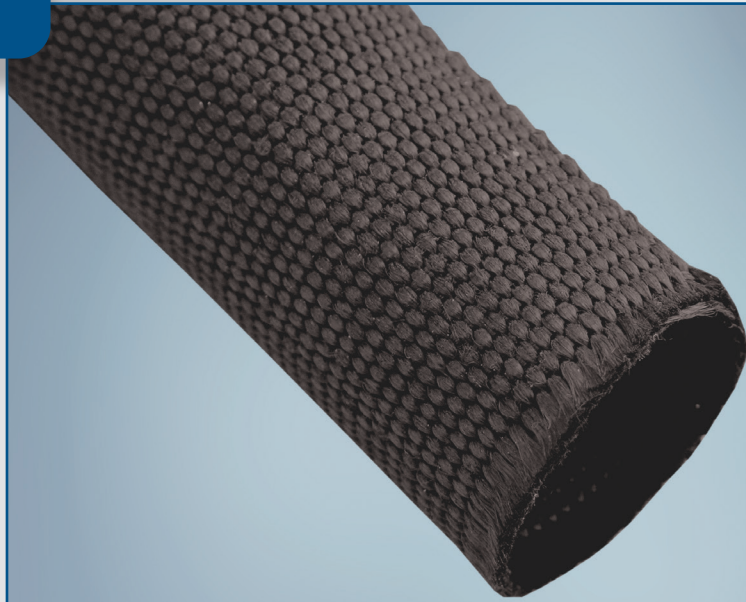
- Operating temperature up to +125°C (+257°F)
- Superior abrasion resistance
- Excellent cut-through resistance
- High density tubular construction
- Custom printing available

Typical Applications

- Wire Harnesses
- Tube, Hose & Cable Assemblies
- Fluid Transport Lines
- High Voltage Applications (Orange)



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



NyloGard® 2452 is a highly durable, tightly woven sleeve constructed from high denier nylon yarns. NyloGard 2452 provides superior abrasion and cut-through protection for hoses, cables and wires for extreme applications and in rugged environments.

NyloGard 2452's dense construction provides maximum coverage. These properties extend the service life of the protected component and offer a cost savings associated with decreased component replacements.

Performance Data – NyloGard® 2452

Property	Test Method	Result
Temperature Rating	240 hours at +150°C (+125°C rating)	Pass +125°C (+257°F)
Low Temperature Flexibility	SAEJ2192	Pass -70°C (-94°F)
Fluid Resistance	SAEJ2192	Pass
Dynamic Cut-Through Resistance	ASTM D3032	
	Parallel to fill direction Parallel to warp direction	1,950 N avg 1,500 N avg

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

Construction and Typical Product Characteristics

Warp Yarn: Nylon 6 (PA6) multifilament

Fill Yarn: Nylon 6 (PA6) multifilament

Availability

Standard sizes are listed here, Additional sizes could be available upon request.

Available in spools and custom cut lengths. Recommended cut lengths are in 5mm increments. Please see regional drawings for cut length tolerances.

Standard colors listed below table. Additional colors may be available.

Please consult your local sales representative for regional packaging details and standards.

Standard Sizes

Commercial Part Number	Nominal Diameter (mm)
NyloGard 2452 8-C	8
NyloGard 2452 11-C	11
NyloGard 2452 13-C	13
NyloGard 2452 16-C	16
NyloGard 2452 19-C	19
NyloGard 2452 23-C	23
NyloGard 2452 25-C	25
NyloGard 2452 27-C	27
NyloGard 2452 32-C	32
NyloGard 2452 38-C	38
NyloGard 2452 45-C	45
NyloGard 2452 51-C	51
NyloGard 2452 57-C	57
NyloGard 2452 64-C	64
NyloGard 2452 70-C	70
NyloGard 2452 76-C	76

C = Color Code: Black - 0 | Orange - 3

* Application based variables will influence the sleeve size required. Routing geometry and application type may present installation and fit challenges that should be considered. Proper sleeve sizing should be confirmed by the end user. Please consult your local sales representative for recommendations and support.



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