



Product Highlights

- Operating temperature up to +150°C (+302°F)
- Superior abrasion resistance
- Excellent cut-through resistance
- High density tubular construction
- Fluid resistant
- Custom printing available

Typical Applications

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

NyloGard® 2454 is a highly durable, tightly woven sleeve constructed from high denier polyester yarns. NyloGard 2454 provides superior abrasion and cut-through protection for hoses, cables and wires for extreme applications and in rugged environments.

NyloGard 2454'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.



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

Performance Data – NyloGard® 2454

Property	Test Method	Result
Temperature Rating	240 hours at +175°C (+150°C rating)	Pass +150°C (+302°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	1,450 N avg 1,450 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: Polyester (PET) multifilament

Fill Yarn: Polyester (PET) multifilament

Standard Sizes

Commercial Part Number	Nominal Diameter (mm)
NyloGard 2454 8	8
NyloGard 2454 11	11
NyloGard 2454 13	13
NyloGard 2454 16	16
NyloGard 2454 19	19
NyloGard 2454 23	23
NyloGard 2454 25	25

* 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.

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 color is orange.

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



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

Southeast Asia: (66) 35 276 400 • Korea: (82) 44 861 6368 • India: (91) 124 4784565

www.systemsprotection.com

BentleyHarris®
Protection Products

For informational purposes only. SP makes no warranties as to the accuracy or completeness of the information provided herein and disclaims any liability in connection with its use. SP's only obligations are those provided in its terms and conditions of sale for this product, and SP will not be liable for any damages, whether direct or indirect, arising out of the use or misuse of this product. Users should undertake their own evaluations to determine the suitability of the product for specific applications. ©2024 Systems Protection - A Tenneco Company, manufacturer of Bentley-Harris protection products.

NG2454-NA(EN-A4)B