

**WIRE HARNESS YARN**

FIBERS PROCESS PRODUCTS

WHY FIBER-LINE® WIRE HARNESS YARN?**Key Features**

- Available flat, twisted, or cord
- Reduction in overall weight & energy usage
- High temperature resistance
- Protection from thermal degradation
- Various colors available for easy identification
- Abrasion resistant

**FIBER-LINE® FIBERS
FOR WIRE HARNESS YARN**

- Kevlar® Para-Aramid
- Nomex® Meta-Aramid
- Technora® Para-Aramid
- PET Polyester

**FIBER-LINE® PERFORMANCE
ADDING COATINGS**

- FIBER-LINE® Colorcoat™:
Color Identification
- FIBER-LINE® Wearcoat™:
Abrasion & High-Temperature Resistance
- FIBER-LINE® Bondcoat™:
Adhesion & Bonding
- FIBER-LINE® Flamecoat™:
Flame retardancy

Overview

- FIBER-LINE® provides a wide range of products utilized for wire harnesses. As demand for electrical and electronic content is growing in industries such as automotive, aerospace, and robotics, wire harness designs are more complex and their performance requirements are increasing.
- FIBER-LINE® wire harness yarn allows you to produce thinner, lighter, and more durable products. Since our yarn are lighter and thinner than metal, you can conserve more valuable space and provide greater design flexibility.
- FIBER-LINE® high-performance fibers protect against thermal degradation, resist harsh fluids, and add insulation.
- FIBER-LINE® Colorcoat™ replaces recently discontinued solution-dyed products.

Packaging

FIBER-LINE® Wire Harness Yarn are supplied on a variety of cardboard tubes to meet your equipment needs. Contact us today with tube dimensions you require. Packages can be supplied on colored, embossed and/or slit tubes. Plastic or metal reels are also available.



**POPULAR WIRE HARNESS PRODUCTS**

Product ID	FIBER-LINE® Coating	Base Fiber	Break Strength	Yield	Geometry	Nominal Diameter	Description
NX1200T	FIBER-LINE® Wearcoat™ FIBER-LINE® Colorcoat™	Nomex	13 LBs (5.9 KGs)	9930 FT/LB (6672 M/KG)	Round/Flat	.438mm	High-temperature resistant coating with colorant for identification
K400T	FIBER-LINE® Wearcoat™	Kevlar®	20 LBs (9.1 KGs)	30303 FT/LB (20362 M/KG)	Round/Flat	.245mm	High-temperature resistant coating
NX1200 1x3	FIBER-LINE® Colorcoat™	Nomex	39.9 LBs (18.1 KGs)	3225 FT/LB (2167 M/KG)	Round	.815mm	Color coated for identification
G150 1x3	FIBER-LINE® Wearcoat™	Glass	16.7 LBs (7.6 KGs)	12987 FT/LB (8726 M/KG)	Round	.372mm	High-temperature resistant coating
NX200T	N/A	Nomex	2.5 LBs (1.1 KGs)	68166 FT/LB (45804 M/KG)	Round/Flat	.168mm	Fiber twisted to improve handling

ABOUT FIBER-LINE®

For over 25 years, FIBER-LINE® has provided science-driven expertise that improves the performance and the end-use processing of high performance fibers. Our products enable the search for new energy reserves and extend the life of fiber optic telecommunication cables. They also add important characteristics, such as SWELLCOAT® water-blocking, water repellence, adhesion, color, and wear and UV-resistance to these and many other applications. We believe that our ongoing commitment to protect the environment, to remain at the forefront of fiber and coating technology, and to 'treat others as we want to be treated' will continue to drive the success of our customers, shareholders, and employees.



LOCATIONS

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