

## Braided Sleeving

HellermannTyton's line of expandable braided sleeving provides protection for hoses, cable assemblies, and wire bundles against abrasion and damage caused by excessive wear and motion. Lightweight and flexible, the construction of braided sleeving allows it to expand beyond its nominal size to fit several bundle sizes and shapes. The relatively easy expansion and quick slip-over accommodates a variety of market applications. Securing the ends of braided sleeving is fast and easy with cable ties, electrical tape or heat shrink materials.

The braided sleeving lineup from HellermannTyton covers a range of materials, sizes and styles-including standard PET, PA66 Nylon, Flame Retardant, Split Wrap and High Temperature products. The sleeving is also resistant to harsh environments such as chemical salts, solvents, de-icing fluids and petroleum products as well as being resilient against UV light. The unique physical weave of braided sleeving makes it extremely flexible yet it will not trap moisture or humidity. Most of the items can be cut with a hot knife, which sears the edges and reduces the amount of fraying that occurs during the lifetime of the product. For applications that do not allow access to a hot knife, a fray resistant version is available that can be cut with any ordinary scissors with minimal unravel.

### Key Benefits

<i>Flexible Installation</i>	Goes over cable bundles quickly and easily. Adjusts to fluctuations in bundle size or shape. Enables routing around obstructions, corners and edges.
<i>Less Bulk</i>	Provides abrasion and corrosion protection without adding volume in tight spaces.
<i>Lightweight</i>	Adds protection without increasing weight unlike convoluted tubing and spiral wrap materials.
<i>Aesthetics</i>	Delivers a clean, crisp appearance.
<i>Moisture Dissipation</i>	Results in no trapping of water, moisture or chemicals.

### Market Applications

- Automotive
- General Manufacturing
- Transportation
- Industrial Equipment
- Electronics
- Automation / Robotics
- Marine
- Machine Tools

### Product Applications

- Hose Assemblies
- Cable Bundles
- Wire Harnesses
- Electrical Cables



## PET Expandable Braided Sleeving

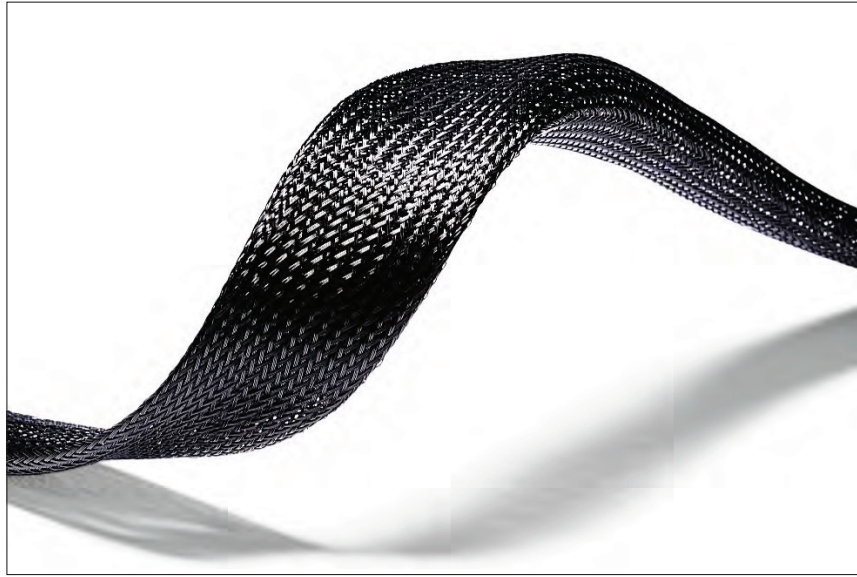
Standard PET (polyethylene terephthalate) is a general purpose and economical braided sleeving with good abrasion and cut resistant properties.

### Application

Flexible, lightweight and durable, PET's construction easily expands over a variety of cable assembly shapes and sizes. PET performs well in abrasive type applications. Cut with a hot knife to avoid frayed ends.

### Benefits

- Economical and durable protection against abrasion and cuts
- Expands to 150% for easy installation
- UL94 V0 recognized component



PET 10 mil General Purpose Monofilament

Material Data	
Material	Polyethylene Terephthalate (PET)
Flammability	UL94 V0
Operating Temperature	-94 °F to 257 °F -70 °C to 125 °C
Melt Point	482 °F / 250 °C
Abrasion Protection	Medium
Recommended Cutting	Hot Knife



### Product Selection

Part No.	Nominal Size		Type	Expansion Range		Expansion Range		Color*	Reel Length*		Weight	
	in.	mm.		(Min.) in.	(Max.) in.	(Min.) mm.	(Max.) mm.		ft.	m.	lbs.	kg.
170-03000	1/4"	6.4	BSP140	.125"	.4375"	3.2	11.1	Black	200'	60.9	.52	.24
170-03001	1/2"	12.7	BSP120	.25"	.75"	6.4	19.1	Black	100'	30.4	.77	.35
170-03002	3/4"	19.1	BSP340	.50"	1.25"	12.7	31.8	Black	75'	22.8	.90	.41
170-03003	1"	25.4	BSP100	.625"	1.625"	15.9	41.3	Black	65'	19.8	.87	.40
170-03004	1-1/4"	31.8	BSP1140	.75"	1.75"	19.1	44.5	Black	50'	15.2	.80	.37
170-03005	1-1/2"	38.1	BSP1120	1.00"	2.125"	25.4	53.9	Black	40'	12.1	.79	.36

Use Part No. for ordering and Type for specification.

Pre-cut lengths available upon request.

\*Bulk sized reels and additional colors available upon request.

