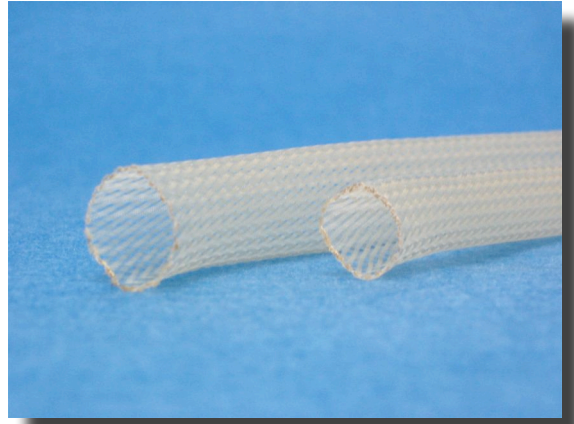


# FLEX-GUARD YT

## Expandable High Temperature Monofilament Sleeving



### DESCRIPTION

- Braided from a special light-weight PPS (Polyphenylene Sulfide) Ryton™ compound
- Excellent high temperature characteristics
- Offers many unique properties not found in the standard polyester and Halar™ sleeveings
- Colors: Natural (Tan) or Black

### FEATURES

- Withstands high temperatures in continuous performance
- Will not support a flame
- Exceptional resistance to chemical attack at elevated temperatures (*No chemical dissolves PPS readily below 204°C*)
- High temperatures rating second only to PTFE in chemical resistance, which is considered essentially inert
- Open weave construction allows expansion above or below original diameter
- Easy to apply and slip on quickly over irregular shapes
- Extreme flexibility allows for ease of flexing in any direction

### APPLICATIONS

- Often used as a filtration media in high temperature or aggressive chemical environments
- Excellent choice for high temperature use over wires, wire bundles and harnesses, cable assemblies, flat ribbon cable, tubing and hose where it provides durable protection
- Open weave construction allows for complete drainage, prevents condensation and provides for dissipation of heat and moisture
- Exceptional chemical resistance permits use in harsh fluid environments

PROPERTIES	TEST METHOD	PERFORMANCE
Tensile Strength	ASTM D-876	25,000 psi
Elongation	ASTM D-876	18%
Specific Gravity	ASTM D-876	1.30
Moisture Absorption (24 hours)	ASTM D-570	>0.02%
Melt Temperature		290°C
Flexural Modulus 103 psi @ 73°F	ASTM D-790	500
Flammability		Flame Resistant

### DIMENSIONS

Size Nominal I.D.	Size Range (inches)	Approx. Weight lbs./1000 ft.	Std. Spool put-up
1/8"	1/16" - 1/4"	2.1	1000 ft.
1/4"	3/16" - 1/2"	3.6	1000 ft.
3/8"	1/4" - 5/8"	5.1	500 ft.
1/2"	3/8" - 13/16"	7.4	500 ft.
3/4"	1/2" - 1-1/8"	8.9	250 ft.
1-1/2"	1-1/4" - 2"	22.0	250 ft.
1-3/4"	1-1/2" - 2-3/4"	18.5	200 ft.

The information provided above represents average values and is believed to be reliable. Alta Technologies, Inc. makes no warranties as to its accuracy and disclaims any liability in connection with its use. It is provided for general use only and should not be incorporated into any specific specifications.

Ryton™ - A registered trademark of Phillips Petroleum Co.

Halar™ A registered Trademark of Solvay Solexis Corp. (previously Ausimont USA)



**ALTA TECHNOLOGIES, INC.**  
**P.O. Box 100**  
**Pennington, NJ 08534**  
**(609) 538-9500 Fax: (609) 538-9501**  
[info@altatechinc.com](mailto:info@altatechinc.com) website: [www.altatechinc.com](http://www.altatechinc.com)

