

Hy-Trex® Cross-Link Polyolefin Tubing – 6:1 Shrink Ratio

- MIL-DTL-23053
- RoHS Compliant
- Continuous Operating Temperature 55°C to 110°C
- Shrink Temperature 120°C
- Flame Retardant

The Hy-Trex® High Ratio 6 to 1 Adhesive Shrink Tubing is universal. It easily fits over and seals large, bulky connections and only three sizes are needed to cover wire from 16 AWG to 2000 MCM. The inner adhesive provides a watertight seal, excellent strain relief, and added tensile strength. With dielectric strength up to 24kV and protection against wet or underground environments, it's ideal for high voltage applications.



FEATURES & BENEFITS

- 1. SELF-SEALING** – Inner adhesive provides a watertight seal, ideal for wet and corrosive locations and underground applications.
- 2. WIDE APPLICATION RANGE** – Only three sizes needed to cover wire from #16 AWG through 2000 MCM cable.
- 3. DIELECTRIC STRENGTH UP TO 24,000 VOLTS** – Ideal for high voltage applications.
- 4. GREATER STRENGTH** – The inner adhesive provides excellent strain relief and tensile strength.
- 5. VERSATILE** – Designed to adhere to cable jackets and other non-oily surfaces.
- 6. UNIVERSAL** – Easily fits over and seals large, bulky connections saving time and added expense.

APPLICATIONS

Abrasion Protection For:

- Exposed Sensors
- Cables
- Cords
- Flexible Conduit
- Hydraulic Hoses & Fittings

Strain Relief For:

- Plugs
- Connectors
- Flexible Conduit
- Portable Cords

Dielectric Protection For:

- Tools
- Crimp Connections
- Pliers

Corrosion Protection For:

- Hydraulic Cylinders
- Conduit
- Exposed Sensors

SPECIFICATIONS

PROPERTY		VALUE	ASTM TEST METHOD
ELECTRICAL	Dielectric Strength	500 Volts/Mil	ASTM D149
	Tensile Strength (min)	2100 psi	ASTM D412
PHYSICAL	Elongation	600%	ASTM D412
	Cut-Through Resistance	Excellent	ASTM D2240
CHEMICAL	Water Absorption (max)	0.1%	ASTM D570
	Fungus Resistance	No Growth	ASTM DG21
	Fluid Resistance (24 hrs @ 25°C) of the following fluids: a) Turbine fuel, JP-4, MIL-T-5624 b) Hydraulic fluid MIL-H-5606 c) Diesel fuel, V V-F-800 d) Lubricating oil, MIL-L-7808 e) Lubricating oil, MIL-L-23699 f) 5% NaCl, O-S-1926 g) De-icing fluid, MIL-A-8243	Passes	ASTM D4R

ORDERING INFORMATION (MINIMUM PURCHASE MAY BE REQUIRED IF PRODUCT NOT STOCKED)

PART NO.	LENGTH (IN)	UNIT OF MEASURE	BEFORE SHRINKING		AFTER SHRINKING	
			O.D. (IN)	WALL THICKNESS (IN)	O.D. (IN)	WALL THICKNESS (IN)
75001	24	Each	0.75	0.040	0.125	0.103
75002	24	Each	2.00	0.045	0.330	0.132
75003	24	Each	3.50	0.048	0.673	0.145