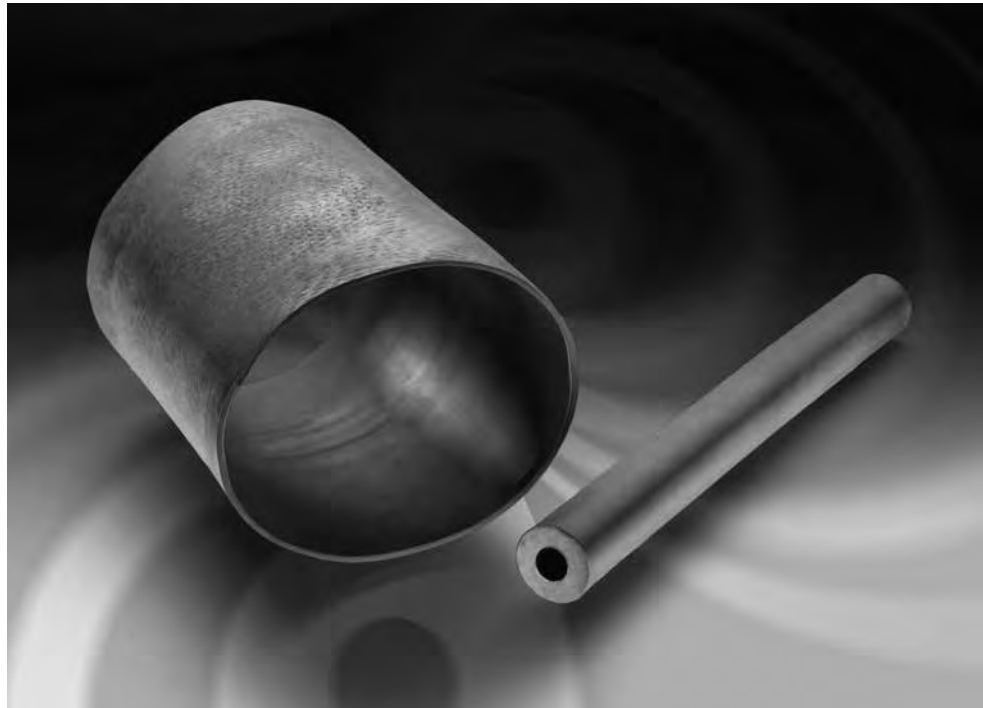


HRHT

High-Ratio, High-Temperature, Flexible, Thick Wall Polyolefin Heat-Shrinkable Tubing

Product Facts

- Shrink ratios as high as 6:1
- Specially formulated for thick wall insulation, strain relief and abrasion protection
- Flame-retardant passing ASTM D 635
- Excellent performance in both hot and cold environments
- Optional factory applied adhesive provides watertight environmental sealing in wet and corrosive locations
- RoHS compliant



Applications

High-ratio (HR), high-temperature (HT) heat-shrinkable tubing, with shrink ratios as high as 6-to-1, is designed to conform to odd shapes and shrink over large transitions, allowing for the repair and sealing of cable connectors and equipment. This product can be used to seal the back end of a connector or simply repair the damaged outer insulation of a cable or wire. Cable

harnesses can be repaired and released without disassembly.

HRHT tubing is available with an optional hot melt adhesive lining. A high-performance adhesive is also available for more demanding applications.

Installation

Minimum shrink temperature: 135°C [275°F]

Minimum full recovery temperature: 150°C [302°F]

Operating Temperature Range

-55°C to 135°C
[-67°F to 275°F]

Specifications/Approvals

Series	Military	Raychem
HRHT	SAE-AS81765/1, Type II*	HRHT SCD

*heat-shrinkable, crosslinked, flexible polyolefin

Available in: Americas Europe Asia Pacific

HRHT (Continued)

Product Dimensions

Size†	Inside Diameter		Wall Thickness††
	Minimum Expanded as Supplied	Maximum Recovered After Heating	Nominal Recovered After Heating
HRHT-1/X	19.05 [0.750]	3.05 [0.120]	3.94 [0.155]
HRHT-2/X	38.16 [1.500]	5.84 [0.230]	3.94 [0.155]
HRHT-3/X	50.80 [2.000]	9.14 [0.360]	3.94 [0.155]
HRHT-4/X	76.20 [3.000]	12.70 [0.500]	3.94 [0.155]
HRHT-5/X	114.30 [4.500]	19.05 [0.750]	3.94 [0.155]

†"X" indicates recovered length in inches (e.g. for 3.0-inch length: HRHT-2/3). The tolerance shall be +/- 10% of the specified recovered length.

††Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard	Black (-0)
Size selection	Always order the largest size that will shrink snugly over the component to be covered.	
Standard packaging	In pieces.	
Ordering description	Specify product name, size and cut length (for example, HRHT-1/3).	

Part Numbering System

