

XFFR

Halogen-Free, Flame-Retardant, Heat-Shrinkable Tubing

Product Facts

- Emits minimal amounts of toxic or acid gasses during combustion
- Meets performance requirements of MIL-C-24640 and MIL-C-24643 cable jackets
- Resists moisture, fungus, and weathering
- Available in expansion ratios as high as 3:1
- XFFR has the following approvals:
 - ABS (American Bureau of Shipping)
 - Lloyd's (Lloyd's Register of Shipping)
- RoHS compliant



Applications

XFFR halogen-free tubing can be used for rejacketing and repairing halogen-free cables in any enclosed area where a flame-retardant, halogen-free environment is required. These environments include tunnels, buildings, mass transit vehicles, and ships. When installed with S-1305 tape, the tubing can also be used in applications requiring water sealing and protection from abrasion and corrosion.

Installation

Minimum shrink temperature: 70°C [158°F] Minimum full recovery temperature: 121°C [250°F]

Operating Temperature Range

-55°C to 110°C [-67°F to 230°F]

Specifications/Approvals

Series	Military	Industry	Raychem	
XFFR	MIL-C-24640 MIL-C-24643	NES 713 NES 711	RW-2016	

Available in:	Americas	Europe	Asia Pacific	
		•	•	



RAYCHEM Tubing Products

XFFR (Continued)

Product Dimensions

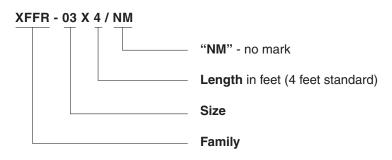
Size	Inside Diameter		Recovered Wall Thickness*
	Minimum Expanded as Supplied	Maximum Recovered After Heating	After Heating (Nominal)
XFFR-03	7.62 [0.300]	2.54 [0.100]	2.03 [0.080]
XFFR-04	10.16 [0.400]	3.81 [0.150]	2.03 [0.080]
XFFR-07	19.05 [0.750]	5.59 [0.220]	2.03 [0.080]
XFFR-11	27.94 [1.100]	9.52 [0.375]	2.67 [0.105]
XFFR-15	38.10 [1.500]	12.70 [0.500]	3.05 [0.120]
XFFR-20	50.80 [2.000]	19.05 [0.750]	3.05 [0.120]
XFFR-30	76.20 [3.000]	31.75 [1.250]	4.06 [0.160]

^{*}Wall thickness will be less if tubing recovery is restricted during shrinkage.

Ordering Information

Color	Standard	Black (-0)
Size selection	Always order the I	argest size that will shrink snugly over the component to be covered.
Standard packaging	1.2-meter [4-foot]	or 7.5-meter [25-foot] lengths.

Part Numbering System



X-ON Electronics

Largest Supplier of Electrical and Electronic Components

Click to view similar products for Heat Shrink Tubing and Sleeves category:

Click to view products by TE Connectivity manufacturer:

Other Similar products are found below:

5685710001 CR9960-000 5734012004 607381P039 611112-000 6284592002 CX4711-000 CZ1420-000 D-306-38 770-006S302 770-010Y106W1 770-018S103 770-018S202W1 770-018S205W1 770-020S704W1 770-020S705 MFP-3/64"-Clear 790-3012 MHHT-4-15K2-G-104 8003012003 MIL-LT-1-1/2-4-SP MIL-LT-1-1/2-9-STK MIL-LT-1/2-2-STK MIL-LT-3-0-SP MIL-LT-3/32-0-SP MIL-LT-3/32-6-SP MIL-LT-3/4-4-STK MIL-LT-3/4-6-SP 839602-000 8423-6 FP301-116-48"-Clear FP301-12-6"-Clear FP301-1/4-48"-White-Hdr FP301-18-48"-Black-Hdr FP301-1/8-6"-Black FP301-18-6"-Black-Bulk FP301-316-48"-Blue-Hdr 912229N002 R280637030 HDCW-5515-1000 HDT-0300-48A-BLACK HDT-0400-48A-Black HDT-0800-48A-RED HDT1100-48A-BLK HDT1500-48A-BLK HDT-2000-48A-Black RHW-70/20-1200/ADH-0 DWP-125-0.450-4-55MM-CS879 156082-000 MT5500-3/8-X-SP