

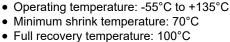
**Q2-F4X** 

Compliant

HIGH SHRINK RATIO, HIGHLY FLEXIBLE FLAME RETARDANT POLYOLEFIN TUBING SHRINK RATIO 4:1

## Features/Applications

Manufactured with specially developed formulation and technology, it can easily fit over a large diameter connector or transition and shrink down onto a smaller diameter jacket. Because of its outstanding physical, chemical and electrical properties it's widely used in some important fields such as military, aerospace and fine electronic instruments for insulating or repairing harnesses, cables and connectors.



Approval: No. E236137, File No. 242540, 125°C, VW-1, 600V

• Meets: SAE-AMS-DTL-23053/5 Class 1 & 3, Sony-SS-00259

• Standard color: Black

• Special colors: Red, blue, yellow, green

 UV Resistant RoHS Compliant



Technical Data		
Property	Test Method	Typical Data
Operating Temperature	IEC 216	-55°C to +135°C
Tensile Strength	ASTM D 2671	>14 MPa
Ultimate Elongation	ASTM D 2671	> 600%
Longitudinal Shrinkage	UL 224	0 <u>+</u> 5%
Eccentricity	ASTM D 2671	< 35%
Heat Aging Tensile Strength Ultimate Elongation	175°C, 168 hrs.	> 11 MPa > 350 %
Flammability	VW-1	Pass
Dielectric Strength	ASTM D 150	> 20kV / mm
Voltage Withstand	ASTM D 2671 / AC2500V. 1 min.	No Breakdown
Volume Resistance	ASTM D 2671	> 10 <sup>14</sup> Ω.cm
Copper Stability	UL 224	Pass
Copper Corrosion	UL 224	No Corrosion

Product Dimensions								
Size		As Supplied (mm)	After Recovered (mm)		Standard Packaging			
Inch mm	mm	Inside Diameter (min.)	Inside Diameter (max.)	Wall Thickness (min.)	Cut to Length Pcs. *(QB) Qty per bag			
					6"	48"		
3/4	19.1/4.6	19.1	4.6	1.7	12	25		
1	25.4/7.0	25.4	7.0	1.7	8	25		
1 1/2	38.1/9.5	38.1	9.5	1.7	5	25		
2	50.8/14.0	50.8	14.0	1.7	3	25		
3	76.2/20.6	76.2	20.6	1.7	2	25		
4	102.0/26.7	102.0	26.7	1.7	1	5		
4 1/2	115.0/36.8	115.0	36.8	1.7	1	5		

Notes:

1. \* See Part Number Guide for standard packaging codes..

2. Cross Reference Guide available.

3. Special sizes, packaging, colors and cut pieces are available upon request.

4. Clear Tubing is not flame retardant, UL or CSA approved.

## **Mouser Electronics**

**Authorized Distributor** 

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

## Qualtek:

<u>Q2-F4X-3/4-01-QB48IN-5</u> <u>Q2-F4X-1-01-QB48IN-5</u> <u>Q2-F4X-1 1/2-01-QB48IN-5</u> <u>Q2-F4X-2-01-QB48IN-5</u> <u>Q2-F4X-3-01-QB48IN-5</u> <u>Q2-F4X-3/4-01-QB6IN-12</u>