

UL E225897 HEAT SHRINKABLE TUBING

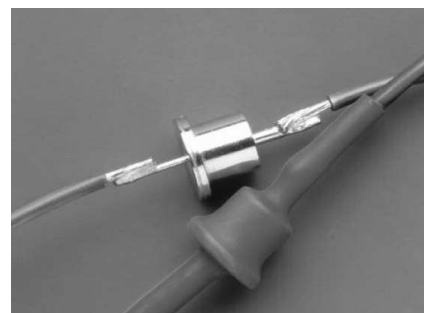
QFR- H (3X)(4X) HEAT SHRINKABLE PE TUBING (3X)(4X)

This tubing is intended for use as part of the internal wiring of electrical devices and appliances. The tubing may be intended for insulating one or more uninsulated or partially insulated conductors, busbars, component leads, terminal lugs or assemblies of electronic components.

- Slips over large and irregular shapes easily
- They shrink ratio covers wide range of size requirements
- Forms permanent tight material bond
- Ideal for connector backshells
- Works well in difficult industrial, electrical, electrical, electronic, and aerospace applications
- Low longitudinal loss

Description:

Operating temperature -55°C~125 °C
Flame resistance VW-1
RoHS Compliant
Reference color Black



Specification:

Properties	Items	Specification Requirement
Physical	Shrink Temperature	121 °C
	Continuous Operating Temperature	-55-135 °C
	Tensile Strength	12.0Mpa
	Elongation	>300 %
	Radial Shrinking Ratio	30 % (3:1) or 25 % (4:1)
	Longitudinal Shrinking Ratio	<±10 %
Electrical	Dielectric Strength	≥19.7kv/mm
	Volume Resistivity	10 ¹⁴ Ω .cm
Chemical	Flammability	UL224, CSA
	Fluid Resistance	Good to Excellent
	Copper Corrosion	No corrosion

Gauge (AWG)	Size (Inch)	Expanded Inside Diam.		Recovered				Min. Package
				Inside Diam.		Wall thickness		
		Inch	mm	Inch	mm	Inch	mm	Feet/Roll
3:1 Shrinkable ratio								
1/8	.1250	.1181	3.0	.0236	0.60	.0394	1.00	500
3/16	.1875	.1890	4.8	.0591	1.50	.0433	1.10	500
1/4	.2500	.2362	6.0	.0787	2.00	.0472	1.20	500
3/8	.3750	.3543	9.0	.1181	3.00	.0512	1.30	500
1/2	.5000	.4724	12	.1575	4.00	.0669	1.70	500
3/4	.7500	.7480	19	.2362	6.00	.0787	2.00	500
1	1.00	.9449	24	.3150	8.00	.0866	2.20	500
1 1/4	1.25	1.1811	30	.3937	10	.0866	2.20	500
4:1 Shrinkable ratio								
4/16	.1875	.1575	4.0	.0394	1.00	.0394	1.00	500
1/4	.25	.2362	6.0	.0512	1.30	.0472	1.20	500
5/16	.3125	.3150	8.0	.0650	1.65	.0610	1.55	500
1/2	.50	.4724	12	.0984	2.5	.0768	1.95	500
5/8	.6250	.6299	16	.1575	4.00	.0827	2.10	500
3/4	.7500	.7087	18	.1772	4.50	.0945	2.40	500
1	1.00	.9449	24	.2362	6.00	.0984	2.50	500
1 1/4	1.25	1.2598	32	.3150	8.00	.0984	2.50	500

Order reference:

Striping: Longitudinal and Parallel Stripes Available Per Request

Delivery: All Stocked Items Available for Immediate Shipment, 8 Week Lead Time for Non-stocked Items