

HSKIT3:1 (SHRSFR-135G (3X))

Environmentally Friendly, Flexible, Highly Flame Retardant, Polyolefin Heat Shrink Tubing Kit. 3:1 Mil-Spec Normal Wall Tubing: SHRSFR-135G (3X).

This kit comprises varying sizes and lengths of colorful tubing packed in a handy transparent plastic compartment box.

This Kit Contains:

3:1 normal wall, 3.2mm

(50mm: 15pcs x red, 15pcs x black, 15pcs x blue, 15pcs x yellow, 15pcs x white)

3:1 normal wall, 4.8mm

(50mm: 6pcs x red, 6pcs x black, 6pcs x blue, 6pcs x yellow, 6pcs x white)

3:1 normal wall, 9.5mm

(50mm: 10pcs x red, 10pcs x black, 10pcs x blue, 10pcs x yellow, 10pcs x white)

3:1 normal wall, 12.7mm

(70mm: 5pcs x red, 5pcs x black, 5pcs x blue, 5pcs x yellow, 5pcs x white)



Characteristics

- Operating temperature -55°C to +135°C
- Minimum shrink temperature 70°C
- Minimum full recovery temperature 120°C
- Shrink Ratio 3:1
- Approvals: UL224, 125°C 600V VW-1
- Meets the AMS- DTL-23053/5 class1&3
- RoHS compliant
- Standard colors: black, red, blue, yellow, white

Applications

A cost effective choice for many applications. Suitable for a variety of general purpose applications in electronic/electromechanical industries, e.g. light harnesses, bundling, color coding, insulation of soldered or crimped connectors in electronic equipment.

Technical Data for 3:1 Tubing

Property	Test Method	Typical Data
Tensile Strength	ASTM D 2671	$\geq 10.4\text{MPa}$
Ultimate Elongation	ASTM D 2671	$\geq 200\%$
Longitudinal Shrinkage	UL 224	+/- 5%
Heat Aging Tensile Strength Ultimate Elongation	158°C, 168hrs	$\geq 7.3\text{MPa}$ $\geq 100\%$
Flammability	UL224 VW-1	Pass
Heat shock (250°C, 4hrs)	ASTM D 2671	No cracking
Cold bend tests (-55°C, 4hrs)	ASTM D 2671	No cracking
Dielectric Strength (kv/mm)	ASTM D 150	$\geq 15\text{kV/mm}$
Volume Resistivity	ASTM D 876	$\geq 1 \times 10^{14} \Omega \cdot \text{cm}$
Copper Stability	UL224	Pass
Copper Corrosion	UL224	No corrosion

Mil-Spec Normal Wall 3:1 Heat Shrinkable Tubing (HS3:1KIT)

Size		As supplied	After Recovery(mm)	
Inch	mm	Internal Diameter Min. (mm)	Internal diameter Max. (mm)	Wall thickness Nom. (mm)
1/8	3.2	3.0	1.0	0.55+/-0.10
3/16	4.8	4.5	1.5	0.60+/-0.10
3/8	9.5	9.0	3.0	0.75+/-0.15
1/2	12.7	12.0	4.0	0.75+/-0.15