



ENGLISH

Datasheet

RS 6.4mm Black Heat Shrink Tubing 2:1, 30cm Length

RS Stock 417-9576



Specification

- Operating Temperature: -40°C to 105°C
- Minimum Shrink Temperature: 150°C
- Shrink Ratio: 2:1
- Dielectric Strength: 30kV/mm
- Standard Colour(s): Black, Red, Yellow, Green, Blue, White
- Specifications: BS G 198 Part 3 (NH only), DEF-STAN 59-97 Type 8

Application Fields

In all smoke sensitive areas such as public buildings, public transport, power plants, hospitals, airports and submarines. All applications where toxic emissions during a fire hazard must be kept low.

- General Characteristics Non - halogen, flame retarded heat shrinkable tubing
- Material Halogen free Polyolefin
- Surface Glossy Marking None
- Colours and Dimensions See Dimension Table



SPECIFICATION VALUES

PROPERTY (UNITS)	TEST METHOD	REQUIREMENT
Physical: Tensile strength (psi) Elongation (%) Specific gravity Low temperature flex. (-55°C) Heat shock (225°C, 4 hrs.) Heat resistance (150°C, 168 hrs.) Elongation (%) Secant modulus (psi) Longitudinal change (%)	ASTM D638 ASTM D638 ASTM D792 AMS-DTL-23053 AMS-DTL-23053 ASTM D638 ASTM D882 AMS-DTL-23053	1500 min.. 200 min. 1.5 nom. no cracking no cracking 100 min. 2.5 X 10 ⁴ max. +5 to -15
Electrical: Dielectric strength (volts/mil) Volume resistivity (ohm-cm)	ASTM D876 ASTM D876	500 min. 1 X 10 ¹³ min.
Chemical: Copper mirror corrosion (175°C 168 hrs.) Water absorption (%) Fluid resistance (23°C, 24 hrs.) MIL-T-5624 MIL-H-5606 MIL-L-23699 MIL-L-7808 MIL-A-8243 O-S-1296 Tensile strength (psi) Dielectric strength (volts/mil) Flammability Smoke index (D _m) Acid gas generation (as hydrogen halides), %	AMS-DTL-23053 ASTM D570 ASTM D638 ASTM D876 AMS-DTL-23053 (4.6.15.1) ASTM E 662 MIL-C-24643	no corrosion 1.0 max. 1000 min., except 800 min. for MIL-T-5624 400 min. 60 seconds max. flaming mode 70 max. non-flaming mode 100 max. 0.2 max.