

308-30420



Article Number: 308-30420

Heat Shrink Tubing, HIS-3-Bag, 3:1, 3/16", 4.8/1.5 dia., Polyolefin, Black, 10/pkg



Download spec sheet

Base Data

Local Order Number 308-30420

Type HIS-3-BAG 4.5/1.5 BK

Color Black (BK)

Features and Benefits

- Thin wall, flexible 3 to 1 shrink ratio material accommodates a wide range of component shapes and diameters.
- Meets UL224 VW-1 specifications, making it ideal for high heat applications (excludes clear tubing).
- Polyolefin material provides excellent insulation and mechanical strength with good resistance to solvents, oils and fuels.
- Available in bulk reels, sticks and convenience bags (HIS-3 bags), for small to large volume applications.

Product Description TFN31 series heat shrink tubing features a flexible, thin wall and highly flame retardant polyolefin material with a higher operating temperature range than general-use heat shrink tubing. and offers good resistance to solvents, oils and fuels. The 3 to 1 shrink ratio accommodates a variety of component shapes and sizes. TFN31 tubing is available in bulk reels, sticks and convenience bags (HIS-3 bags), for projects of all sizes.

Short Description Heat Shrink Tubing, HIS-3-Bag, 3:1, 3/16", 4.8/1.5 dia., Polyolefin, Black, 10/pkg

Product Dimensions

Length L (Metric) 200 mm

Length L3 (imperial) 6.0 "

Length L3 (metric) 152.4 mm

Shrink Ratio 3:1

Tensile Strength (MPa) 14 MPa

Trade Size 3/16 "

Variant Thin-Wall

Volume Resistance (Ohm cm) 10¹¹ Ω cm (ASTM D 876)

Nominal Diameter (Imperial) 3/16 "

Nominal Diameter (Metric) 4.5 mm

Wall Thickness WT (Imperial) 0.024 "

Wall Thickness WT (Metric) .60 mm

Recovered Diameter d (metric) 1.5 mm

Recovered Diameter d (imperial) 0.059 "

Supplied Diameter D (metric) 4.8 mm

Supplied Diameter D (imperial) 0.188 "

Logistics and Packaging

Quantity Per bag

Package Quantity 10

Package Quantity (Metric) 10 Pieces

Material and Specifications

| | |
|-------------------------------------|--|
| Material | Polyolefin, cross-linked (PO-X) |
| Material Shortcut | PO-X |
| Dielectric Strength (Metric) | 20 kV/mm according to ASTM D 150 |
| Elongation at break | 800% nach ASTM D2671 |
| Flammability | UL224 VW-1 (except clear) |
| Shrink Temperature | +212 °F (+100 °C) |
| Operating Temperature | -67°F to +275°F (-55°C to +135°C) |
| ROHS Compliant | Yes |
| Certification/Specification | SAE - AMS - DTL-23053/5 Class 2 (clear) SAE - AMS - DTL-23053/5 Class 1 and 3 UL224 125 °C 600V VW-1 |
| UL Listed (US and Canada) | Yes |