

308-30321



Article Number: 308-30321

Heat Shrink Tubing, HIS-3-Bag, 3:1, 1/8", 3.2/1.0 dia., Polyolefin, Clear, 10/pkg



Base Data

Local Order Number 308-30321

Type HIS-3-BAG 3/1 CL

Color Clear (CL)

- 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.

Marking Text no

Shrink Ratio 3:1

Variant Thin-Wall

Short Description Heat Shrink Tubing, HIS-3-Bag, 3:1, 1/8", 3.2/1.0 dia., Polyolefin, Clear, 10/pkg

With inner glue (Yes/No) ETIM No

Product Dimensions

Length L (metric) 200 mm

Length L3 (imperial) 6.0 "

Length L3 (metric) 152.4 mm

Tube Shape Round

Wall Thickness WT (imperial) 0.022 "

Wall Thickness WT (metric) .55 mm

Recovered Diameter D (metric) 1.0 mm

Recovered Diameter D (imperial) 0.039 "

Supplied Diameter D (imperial) 0.13 "

Supplied Diameter D (metric) 3.2 mm

Logistics and Packaging

Quantity per bag

Package Quantity (imperial) 10

Package Quantity 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) |
| Halogenfree | No |
| Shrink Temperature | +212 °F (+100 °C) |
| Operating Temperature | -67 °F to +275 °F (-55 °C to +135 °C) |
| ROHS Conformity | Yes |
| Certification / Specification | SAE - AMS - DTL-23053/5 Class 2 (clear) UL224 125 °C 600V VW-1 SAE - AMS - DTL-23053/5 Class 1 and 3 |
| Tensile Strength (MPa) | 14 MPa |
| UL Listed (US and Canada) | Yes |
| UL Recognized (US and Canada) | Yes |
| Volume Resistance (Ohm cm) | 10 ¹¹ Ω cm (ASTM D 876) |