

308-30920



Article Number: 308-30920

Heat Shrink Tubing, HIS-3-Bag, 3:1, 3/8", 9.5/3.0 dia., Polyolefin, Black, 10/pkg



Download spec sheet

Base Data

Local Order Number	308-30920
Type	HIS-3-BAG 9/3 BK
Color	Black (BK)
Features and Benefits	<ul style="list-style-type: none"> • 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, 3/8", 9.5/3.0 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	3/8 "
Variant	Thin-Wall
Volume Resistance (Ohm cm)	10 ¹¹ Ω cm (ASTM D 876)
Nominal Diameter (Imperial)	3/8 "
Nominal Diameter (Metric)	9.5 mm
Wall Thickness WT (Imperial)	0.029 "
Wall Thickness WT (Metric)	.75 mm
Recovered Diameter d (metric)	3.0 mm
Recovered Diameter d (imperial)	0.118 "
Supplied Diameter D (imperial)	0.38 "
Supplied Diameter D (metric)	9.5 mm

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 1 and 3 UL224 125 °C 600V VW-1 SAE - AMS - DTL-23053/5 Class 2 (clear)
UL Listed (US and Canada)	Yes