

309-65221

HellermannTyton

Article Number: 309-65221



Description: Heat Shrink Tubing, 4' Long Stick, 2:1 Shrink Ratio, 3.0", 76.2/38.1 Dia, PO, Black, 3/pkg

Base Data		
	Local Order Number	309-65221
	Type	TFN21-ST 76.2/38.1
	Color	Black (BK)
	Features and benefits	<ul style="list-style-type: none"> • Thin, 2 to 1 shrink ratio tubing provides insulation and abrasion protection for wires and cables. • Flammability rating of UL224 VW-1 for use in applications requiring the highest degree of flame protection (excludes clear tubing). • Flexible-yet-durable material resists most common oils, chemicals and fluids. • Available in a variety of diameters and colors for identifying and marking wires and cables. • Available in mini reels, bulk reels, and sticks for small to large volume applications.
	Quantity Per	pack
	Product Description	TFN21 is a highly flexible thin wall heat shrink tubing with a 2 to 1 shrink ratio and excellent flame retardant properties. In addition to providing insulation and abrasion protection for wires and cables, the polyolefin material also offers resistance to oils, solvents and chemicals. Available in mini reels, bulk reels and sticks, for small to large volume applications.
	Short Description	Heat Shrink Tubing, 4' Long Stick, 2:1 Shrink Ratio, 3.0", 76.2/38.1 Dia, PO, Black, 3/pkg
Product Dimensions		
	Length L2 (Imperial)	4.0ft
	Length L2 (Metric)	1.22m
	Printable (Yes/No)	Yes
	Shrink Ratio	2:1
	Trade Size	3 "
	Variant	Thin-Wall
	Volume Resistance (Ohm cm)	10 ¹⁴ Ω cm
	Nominal Diameter (Imperial)	3"
	Nominal Diameter (Metric)	76.2mm
	Wall Thickness WT (Imperial)	.047"
	Wall Thickness WT (Metric)	1.20mm

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Product Dimensions	Recovered Diameter d (metric)	38.1mm
	Recovered Diameter d (imperial)	1.5"
	Supplied Diameter D (metric)	76.2mm
	Supplied Diameter D (imperial)	3.0"
Material and Specifications		
	Material	Polyolefin, cross-linked (PO-X)
	Material Shortcut	PO-X
	Dielectric Strength (Metric)	20 kV/mm
	Elongation at break	600%
	Flammability	UL 224 VW-1
	Halogenfree	No
	Shrink Temperature	+158 °F (+70 °C)
	Operating Temperature	-67°F to +275°F (-55°C to +135°C)
	ROHS Compliant	Yes
	Certification/Specification	UL ANSI/UL 224
	UL Recognized (US)	Yes
Logistic and Packaging		
	Package Quantity (Imperial)	3
	Package Quantity (Metric)	3
	Customs Number(Schedule B)	3926909987