

321-50015

# HellermannTyton

Article Number: 321-50015

Description: Heat Shrink Tubing, 4' Long Stick, Thick Wall Adhesive Lined, Up to 3.5:1, 2.75", 68/22 dia, PO, Black, 1/pkg



Base Data	
Local Order Number	321-50015
Type	TREDUX HA47-48ST-68/22
Color	Black (BK)
Features and Benefits	<ul style="list-style-type: none"> <li>• Tubing is 3.5:1, thick wall adhesive lined.</li> <li>• Toughness and weatherability is ideal for low and medium voltage power applications.</li> <li>• Available in 3.28' (1.0 m) lengths, multiple diameters and 1 color (black).</li> <li>• Conveniently packed in a display carton.</li> </ul>
Quantity Per	pieces
Product Description	TREDUX HA47 thick wall heat shrink tubing has a adhesive liner that provides good moisture sealing and weather protection suitable for insulation and protection of low and medium voltage power applications. HA47 is tough and the weatherability makes it suitable for exposed applications and underground cable joints. Polyolefin material is pre-cut into 3.28' (1.0m) sticks and stored in a convenient display box. RoHS approved and Halogen free.
Short Description	Heat Shrink Tubing, 4' Long Stick, Thick Wall Adhesive Lined, Up to 3.5:1, 2.75", 68/22 dia, PO, Black, 1/pkg
Product Dimensions	
Length L (Imperial)	4.0ft
Length L (Metric)	1.0m
Printable (Yes/No)	No
Shrink Ratio	up to 4:1
Trade Size	2-3/4 "
Variant	Thick-Wall
Voltage Range	Low and Medium Voltage
Volume Resistance (Ohm cm)	10 <sup>14</sup> Ω cm
Nominal Diameter (Imperial)	2-3/4"
Nominal Diameter (Metric)	68mm
Wall Thickness WT (Imperial)	.161"
Wall Thickness WT (Metric)	4.1mm

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Product Dimensions	Recovered Diameter d (metric)	22.0mm
	Recovered Diameter d (imperial)	0.866"
	Supplied Diameter D (imperial)	2.667"
	Supplied Diameter D (metric)	68.0mm
Material and Specifications		
	Material	Polyolefin, cross-linked (PO-X)
	Material Shortcut	PO-X
	Adhesive	Hot melt adhesive
	Dielectric Strength (Metric)	20 kV/mm
	Elongation at break	400%
	Flammability	not flame retardant
	Halogenfree	Yes
	Shrink Temperature	+248 °F (+120 °C)
	Operating Temperature	-67°F to +230°F (-55°C to +110°C)
ROHS Compliant	Yes	
Logistic and Packaging		
	Package Quantity (Imperial)	1
	Package Quantity (Metric)	1
	Customs Number(Schedule B)	3926909987
	Weight (imperial)	2.54
	Weight (Metric)	1.15kg