

318-60153

# HellermannTyton



Article Number: 318-60153

Description: Heat Shrink Tubing, 4' Long Stick, Adhesive Lined, 3:1 Shrink Ratio, 3/8", 9.0/3.0 Dia, PO, Black, 15/pkg

Base Data	
Local Order Number	318-60153
Type	TAN33-ST-9/3 BK
Color	Black (BK)
Features and Benefits	<ul style="list-style-type: none"> <li>• Adhesive lining provides an excellent seal against moisture and humidity.</li> <li>• 3 to 1 shrink ratio accommodates a wide range of component shapes and diameters, while thin exterior wall is very flexible and provides superior insulation.</li> <li>• Meets UL224 VW-1 specifications making it ideal high heat applications (excludes clear tubing).</li> <li>• Polyolefin material provides mechanical strength with good resistance to solvents, oils and fuels.</li> </ul>
Quantity Per	pack
Product Description	TAN33 is a flexible, thin wall adhesive lined heat shrink tubing with highly flame retardant properties. The 3 to 1 shrink ratio accommodates a wide range of component shapes and diameters. The adhesive lining begins to activate as the temperature reaches 176° F (80° C), to create a strong seal against moisture and humidity. 4-foot sticks are individually labeled for retail.
Short Description	Heat Shrink Tubing, 4' Long Stick, Adhesive Lined, 3:1 Shrink Ratio, 3/8", 9.0/3.0 Dia, PO, Black, 15/pkg
Product Dimensions	
Length L (Imperial)	4.0ft
Length L (Metric)	1.22m
Printable (Yes/No)	No
Shrink Ratio	3:1
Trade Size	3/8 "
Variant	Thin-Wall
Volume Resistance (Ohm cm)	10 <sup>14</sup> Ω cm
Nominal Diameter (Imperial)	3/8"
Nominal Diameter (Metric)	9mm
Wall Thickness WT (Imperial)	.056"
Wall Thickness WT (Metric)	1.40mm
Recovered Diameter d (metric)	3.0mm

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Product Dimensions	Recovered Diameter d (imperial)	0.118"
	Supplied Diameter D (imperial)	0.354"
	Supplied Diameter D (metric)	9.0mm
Material and Specifications	Material	Polyolefin, cross-linked (PO-X)
	Material Shortcut	PO-X
	Elongation at break	400%
	Halogenfree	No
	Shrink Temperature	+212 °F (+100 °C)
	Operating Temperature	-67°F to +257°F (-55°C to +125°C)
	ROHS Compliant	Yes
	UL Recognized (US)	Yes
	Logistic and Packaging	Package Quantity (Imperial)
Package Quantity (Metric)		15
Customs Number(Schedule B)		3926909987