

## Specification Sheet

Part Number: 323-50013

Medium wall tubing resists solvents, acids and alkaline solutions while providing good mechanical strength.

Features robust insulation characteristics designed for low voltage power applications.

Adhesive lining provides excellent insulation against moisture and humidity.

RoHS compliant and Halogen-free.



Heat Shrink Tubing, 4' Long Stick, Medium Wall Adhesive Lined, Upt 4:1, 1.5", 40/12 dia, PO, Black, 4/pkg

Article Number 323-50013

Type TREDUX MA47-48ST-40/12

Color Black (BK)

Quantity Per EA

**Product Description** MA47 is a medium wall heat shrink tubing with an adhesive lining for use in low voltage applications. The thermoplastic adhesive liner provides excellent moisture sealing and insulation protection of cable joints and terminations. Made of a polyolefin outer material, this tubing has a shrink ratio up to 4 to 1. The adhesive lining begins to activate as the temperature approaches 185° F (85° C). Individually labeled 4-foot sticks come packaged in a retail display box.

Short Description	Heat Shrink Tubing, 4' Long Stick, Medium Wall Adhesive Lined, Upt 4:1, 1.5", 40/12 dia, PO, Black, 4/pkg
Global Part Name	TREDUX MA47-48ST-40/12-PO-X-BK
Length L (Imperial)	4.0
Length L (Metric)	1.0
Voltage Range	Low voltage
Variant	Medium-Wall
Nominal Diameter (Imperial)	1.5
Nominal Diameter (Metric)	40
Wall Thickness WT (Imperial)	.09
Wall Thickness WT (Metric)	2.5
Material	Polyolefin, cross-linked (PO-X)
Material Shortcut	PO-X
Adhesive	Hot melt adhesive
Halogen Free	Yes

UV Resistant (Yes/No)	No
Operating Temperature	-67°F to +230°F (-55°C to +110°C)
Reach Compliant (Article 33)	Yes
ROHS Compliant	Yes
Package Quantity (Imperial)	4
Package Quantity (Metric)	4
Customs Number	3926909988
Weight (Imperial)	2.08

## About HellermannTyton

HellermannTyton is a global manufacturer of cable management and identification solutions for automotive, solar, electrical, construction, industrial automation, broadband and other OEM markets. The company's integrated approach to product design, sustainability, production, quality assurance and delivery is optimized to benefit local and global customers. HellermannTyton operates in 39 countries, with North American headquarters in Milwaukee, Wisconsin. ([www.hellermann.tyton.com](http://www.hellermann.tyton.com)).

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