

Specification Sheet

Part Number: 111-00831

Metal content dispersed throughout the head and strap ensures identification by metal detectors and X-ray machines.

Industry standard blue color assists with visual detection and reduces the risk of contamination.

Engineered and manufactured for maximum performance and quality.



Metal Content Tie, 15" Long, 50lb Tensile Strength, PA66MP, Blue, 100/pkg

Article Number 111-00831

Type MCT50L

Color Blue (BU)

Quantity Per bag

Product Description
HellermannTyton's Metal Content Tie is specifically designed for the food, beverage and pharmaceutical processing industries to meet the safety standards set by the Hazardous Analysis of Critical Control Point (HACCP). The tie is nylon-based with metal content dispersed throughout the head and strap allowing any part of the tie to be identified by metal detectors or X-ray inspections, reducing the risk of contamination.

Short Description
Metal Content Tie, 15" Long, 50lb Tensile Strength, PA66MP, Blue, 100/pkg

Global Part Name MCT50L-PA66MD-BU

Minimum Tensile Strength (Imperial) 50

Minimum Tensile Strength (Metric) 225

Length L (Imperial) 15.0

Length L (Metric) 380.0

Fixation Method Cable Tie

Identification Plate Position none

Releasable Closure No

Tie Closure plastic pawl

Variant Inside Serrated

Width W (Imperial) 0.19

Width W (Metric) 4.7

Bundle Diameter Min (Imperial) 0.06

Bundle Diameter Min (Metric) 1.5

Bundle Diameter Max (Imperial) 4.33

Bundle Diameter Max (Metric) 110.0

Thickness T (Imperial)	0.055
Thickness T (Metric)	1.4
Cable Tie Head Length (Imperial)	0.3
Cable Tie Head Width (Imperial)	0.32
Material	Polyamide 6.6, metal detectable (PA66MD)
Material Shortcut	PA66MD
Flammability	UL 94 HB
Halogen Free	Yes
UV Resistant (Yes/No)	No
Use Conditions	For Indoor Use Only
Operating Temperature	-40°F to +185°F (-40°C to +85°C)
Reach Compliant (Article 33)	Yes
ROHS Compliant	Yes
Package Quantity (Imperial)	100
Package Quantity (Metric)	100

Customs Number

3926909988

7930 N. Faulkner Road, Milwaukee, WI 53224

Phone: (800) 537-1512 | Email: corp@htamericas.com

© 2025 HellermannTyton. All Rights Reserved.

[Contact Us](#) [RoHS/WEEE Compliance](#) [Disclaimer](#) [Terms and Conditions](#)