

Specification Sheet

Part Number: 111-01564



- PA12 cable ties deliver excellent UV, chemical and moisture resistance.
- Inside serrations provide strong grip on cables and wire bundles.
- Easy application either manually or with a tensioning tool.
- Bent tail ensures a quick and simple installation.

Solar Cable Tie, 8" Long, 45lb Tensile Strength, PA12, Black, 1000/pkg

Article Number	111-01564
Type	T50R
Color	Black (BK)
Quantity Per	pack
Product Description	This inside serrated cable tie is manufactured from PA12, which provides excellent UV, chemical and moisture resistance to allow for a longer lifespan in outdoor use. PA12 material absorbs slightly less moisture than PA11, yet is equally resistant to metal oxides. HellermannTyton T-Series Cable Ties feature inside serrations to provide a positive hold on wire and cable bundles. The head design guarantees high tensile strength and a low insertion force. The bent tail allows quick and simple installation by hand. For high-volume applications, tensioning tools are available to ensure consistent and safe installation.

Short Description	Solar Cable Tie, 8" Long, 45lb Tensile Strength, PA12, Black, 1000/pkg
Global Part Name	T50R-PA12-BK
Minimum Tensile Strength (Imperial)	45
Minimum Tensile Strength (Metric)	200
Length L (Imperial)	7.95
Length L (Metric)	202.0
Identification Plate Position	none
Releasable Closure	No
Tie Closure	plastic pawl
Variant	Inside Serrated
Width W (Imperial)	0.18
Width W (Metric)	4.6
Bundle Diameter Min (Imperial)	0.13
Bundle Diameter Min (Metric)	3.3
Bundle Diameter Max (Imperial)	1.97
Bundle Diameter Max (Metric)	50.0

Thickness T (Imperial)	0.05
Thickness T (Metric)	1.2
Cable Tie Head Length (Imperial)	0.29
Cable Tie Head Width (Imperial)	0.3
Material	Polyamide 12 (PA12)
Material Shortcut	PA12
Flammability	UL 94 HB
UV Resistant (Yes/No)	Yes
Use Conditions	For Indoor and Outdoor Use
Operating Temperature	-40°F to +248°F (-40°C to +120°C)
Reach Compliant (Article 33)	No
ROHS Compliant	Yes
UL Recognized (US)	Yes
UL Listed (US and Canada)	Yes
UL Recognized (US and Canada)	Yes

UL Listed (US)	Yes
Package Quantity (Imperial)	1000
Package Quantity (Metric)	1000
Customs Number	3926909988

7930 N. Faulkner Road, Milwaukee, WI 53224
Phone: (800) 537-1512 | Email: corp@htamericas.com

© 2026 HellermannTyton. All Rights Reserved.
[Contact Us](#) [RoHS/WEEE Compliance](#) [Disclaimer](#) [Terms and Conditions](#)