

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

Article Number 111-01564

Type T50R

Color Black (BK)

Quantity Per bag

**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 Tie, 8" Long, 45lb Tensile Strength, PA12, Black, 1000/pkg |
| Global Part Name                    | T50R-PA12-BK   |
| Minimum Tensile Strength (Imperial) | 45.0   |
| Minimum Tensile Strength (Metric)   | 200.0  |
| Length L (Imperial)                 | 8.0  |
| 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                               |
| Material                     | Polyamide 12 (PA12)               |
| Material Shortcut            | PA12                              |
| Flammability                 | UL 94 HB                          |
| UV Resistant (Yes/No)        | No                                |
| Operating Temperature        | -40°F to +248°F (-40°C to +120°C) |
| Reach Compliant (Article 33) | No                                |
| ROHS Compliant               | Yes                               |
| Package Quantity (Imperial)  | 1000                              |
| Package Quantity (Metric)    | 1000                              |
| Customs Number               | 3926909988                        |

## 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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