

Specification Sheet

Part Number: 111-12431



- Engineered and manufactured for maximum performance and quality.
- Made from 100% high-quality plastic to ensure efficient recycling.
- Inside serration for a strong grip onto bundles.
- Easy application either manually or with a tensioning tool.
- Complies with MS3367-6-0, Class 1 and SAE-AS33671.

Heavy Duty MilSpec Cable Tie, 30" Long, MS3367, 120lb Tensile Strength, PA66UV, Black, 50/bg

|                |            |
|----------------|------------|
| Article Number | 111-12431  |
| Type           | T120L      |
| Color          | Black (BK) |
| Quantity Per   | pack       |

|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description                 | Used in the solar industry and other applications, HellermannTyton offers cable ties made of UV stabilized PA66UV material. This material provides additional protection against UV radiation for long-term outdoor use and is available in various styles, tensile strengths, and bundle diameters. 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. For high-volume applications, tensioning tools are available to ensure consistent and safe installation. Specially manufactured to comply with Military Specification MS3367-6-0, Class 1 and SAE-AS33671. |
| Short Description                   | Heavy Duty MilSpec Cable Tie, 30" Long, MS3367, 120lb Tensile Strength, PA66UV, Black, 50/bg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Global Part Name                    | T120L-PA66UV-BK                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Minimum Tensile Strength (Imperial) | 120                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Minimum Tensile Strength (Metric)   | 535                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Length L (Imperial)                 | 30.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Length L (Metric)                   | 760.0                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Identification Plate Position       | none                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Releasable Closure                  | No                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Tie Closure                         | plastic pawl                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Variant                             | Inside Serrated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Width W (Imperial)                  | 0.30                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Width W (Metric)                    | 7.6                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

|                                  |                                      |
|----------------------------------|--------------------------------------|
| Bundle Diameter Min (Imperial)   | 0.2                                  |
| Bundle Diameter Min (Metric)     | 5.0                                  |
| Bundle Diameter Max (Imperial)   | 8.86                                 |
| Bundle Diameter Max (Metric)     | 225.0                                |
| Thickness T (Imperial)           | 0.07                                 |
| Thickness T (Metric)             | 1.9                                  |
| Cable Tie Head Length (Imperial) | 0.39                                 |
| Cable Tie Head Width (Imperial)  | 0.51                                 |
| Height H (Metric)                | 7.8                                  |
| Material                         | Polyamide 6.6 UV-stabilized (PA66UV) |
| Material Shortcut                | PA66UV                               |
| US MIL SPEC                      | MS3367-6-0, Class 1<br>SAE-AS33671   |
| Flammability                     | UL 94 V-2                            |
| Halogen Free                     | Yes                                  |
| UV Resistant (Yes/No)            | Yes                                  |

|                              |                                  |
|------------------------------|----------------------------------|
| Use Conditions               | For Indoor and Outdoor Use       |
| Operating Temperature        | -40°F to +185°F (-40°C to +85°C) |
| Reach Compliant (Article 33) | Yes                              |
| ROHS Compliant               | Yes                              |
| Package Quantity (Imperial)  | 50                               |
| Package Quantity (Metric)    | 50                               |
| Customs Number               | 3926909988                       |

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