

# TECHNICAL DATA SHEET

**Part No.** 111-02291  
**Article No.** 111-02291  
**Type** T120L



Heavy-Duty T-Series Cable Ties feature inside serrations to provide a positive hold on wire and cable bundles. Durable head design guarantees high tensile strength and a low insertion force. The bent tail allows quick and simple installations by hand. For high-volume applications, tensioning tools are available to ensure consistent and safe installation.

|                                     |                                                                          |
|-------------------------------------|--------------------------------------------------------------------------|
| <b>Material</b>                     | Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV) |
| <b>Operating Temperature</b>        | -40°F to +221°F (-40°C to +105°C)                                        |
| <b>Operating Temperature, 500h</b>  | +329°F (+165°C)                                                          |
| <b>Operating Temperature, 1000h</b> | +320°F (+160°C)                                                          |
| <b>Operating Temperature, 5000h</b> | +257°F (+125°C)                                                          |
| <b>Flammability</b>                 | UL 94 HB                                                                 |
| <b>UV Resistant</b>                 | Yes                                                                      |
| <b>Use Conditions</b>               | For Indoor and Outdoor Use                                               |
| <b>Color</b>                        | Black (BK)                                                               |
| <b>Pkg. Qty.</b>                    | 50                                                                       |
| <b>Carton Qty.</b>                  | 1000                                                                     |
| <b>Customs Number</b>               | 3926909988                                                               |

|                                         |                 |
|-----------------------------------------|-----------------|
| <b>Cable Tie Head Length (imperial)</b> | 0.39 "          |
| <b>Cable Tie Head Length (metric)</b>   | 10.0 mm         |
| <b>Cable Tie Head Width (imperial)</b>  | 0.51 "          |
| <b>Cable Tie Head Width (metric)</b>    | 13.0 mm         |
| <b>Height (metric)</b>                  | 7.8 mm          |
| <b>Length (imperial)</b>                | 30.0 "          |
| <b>Length (metric)</b>                  | 760.0 mm        |
| <b>Max. Bundle Diameter (imperial)</b>  | 8.86 "          |
| <b>Max. Bundle Diameter (metric)</b>    | 225.0 mm        |
| <b>Min. Tensile Strength (imperial)</b> | 120 lbs         |
| <b>Min. Tensile Strength (metric)</b>   | 535 N           |
| <b>Serration Side</b>                   | Inside Serrated |
| <b>Thickness (imperial)</b>             | 0.075 "         |
| <b>Thickness (metric)</b>               | 1.9 mm          |
| <b>Width (imperial)</b>                 | 0.30 "          |
| <b>Width (metric)</b>                   | 7.6 mm          |

**RoHS** ✓