

## Specification Sheet

Part Number: T120I0HIRUVH4



High impact, heat and UV stabilized cable ties contain an impact modifier allowing greater flexibility and greater resistance to vibration.

Inside serrations allow for strong grip on cables and wire bundles.

Head design provides high tensile strength with very low insertion force.

Heavy Duty Cable Tie, 12" Long, UL Rated, 120lb Tensile Strength, PA66HIRHSUV, Black, 500/pkg

|                |           |
|----------------|-----------|
| Article Number | 111-12217 |
|----------------|-----------|

|      |       |
|------|-------|
| Type | T120I |
|------|-------|

|       |            |
|-------|------------|
| Color | Black (BK) |
|-------|------------|

|              |     |
|--------------|-----|
| Quantity Per | bag |
|--------------|-----|

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Description | Manufactured from a specially formulated impact-resistant, heat and UV stabilized PA66 material, these cable ties offer increased flexibility, impact strength, heat and UV resistance to endure moisture fluctuations. 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. |
|---------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                   |                                                                                               |
|-------------------|-----------------------------------------------------------------------------------------------|
| Short Description | Heavy Duty Cable Tie, 12" Long, UL Rated, 120lb Tensile Strength, PA66HIRHSUV, Black, 500/pkg |
|-------------------|-----------------------------------------------------------------------------------------------|

|                  |                      |
|------------------|----------------------|
| Global Part Name | T120I-PA66HIRHSUV-BK |
|------------------|----------------------|

|                                     |     |
|-------------------------------------|-----|
| Minimum Tensile Strength (Imperial) | 120 |
|-------------------------------------|-----|

|                                   |     |
|-----------------------------------|-----|
| Minimum Tensile Strength (Metric) | 535 |
|-----------------------------------|-----|

|                     |      |
|---------------------|------|
| Length L (Imperial) | 12.0 |
|---------------------|------|

|                   |       |
|-------------------|-------|
| Length L (Metric) | 300.0 |
|-------------------|-------|

|                               |      |
|-------------------------------|------|
| 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) | 3.15 |
|--------------------------------|------|

|                              |      |
|------------------------------|------|
| Bundle Diameter Max (Metric) | 80.0 |
|------------------------------|------|

|                      |     |
|----------------------|-----|
| Thickness T (Metric) | 1.6 |
|----------------------|-----|

|                                  |                                                                          |
|----------------------------------|--------------------------------------------------------------------------|
| Cable Tie Head Length (Imperial) | 0.40                                                                     |
| Cable Tie Head Width (Imperial)  | 0.51                                                                     |
| Height H (Metric)                | 7.7                                                                      |
| Cable Tie Width Max (Imperial)   | 0.3                                                                      |
| Cable Tie Width Max (Metric)     | 7.61                                                                     |
| Material                         | Polyamide 6.6 high impact modified, heat and UV stabilized (PA66HIRHSUV) |
| Material Shortcut                | PA66HIRHSUV                                                              |
| Flammability                     | UL 94 HB                                                                 |
| Halogen Free                     | Yes                                                                      |
| UV Resistant (Yes/No)            | Yes                                                                      |
| Use Conditions                   | For Indoor and Outdoor Use                                               |
| Operating Temperature            | -40°F to +221°F (-40°C to +105°C)                                        |
| Reach Compliant (Article 33)     | No                                                                       |
| ROHS Compliant                   | Yes                                                                      |
| Certification/Specification      | UL-ZODZ2.E64139                                                          |

|                               |            |
|-------------------------------|------------|
| UL Recognized (US)            | Yes        |
| UL Recognized (US and Canada) | Yes        |
| Package Quantity (Imperial)   | 500        |
| Package Quantity (Metric)     | 500        |
| Customs Number                | 3926909988 |

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