

166-90211

# HellermannTyton



Article Number: 166-90211

Description: HelaGuard Non-Metallic Conduit, Std. Weight, 1.00" Dia,  
Nylon PA12, Black, 50 ft/Std. Reel

|                    |                               |  |
|--------------------|-------------------------------|--|
| Base Data          |                               |  |
|                    | Local Order Number            | 166-90211  |
|                    | Type                          | HG-HI1000  |
|                    | Color                         | Black (BK)   |
|                    | Features and benefits         | <ul style="list-style-type: none"> <li>• Very high impact strength; recovers completely if crushed and provides excellent fatigue life.</li> <li>• Highly UV resistant; suitable for use in outdoor applications.</li> <li>• Offered in fine or coarse corrugated pitch.</li> <li>• Offered with or without slit; slit options offer easy access during installation and maintenance.</li> </ul> |
|                    | Quantity Per                  | reel   |
|                    | Product Description           | A standard weight corrugated conduit made of PA12 nylon that offers superior impact resistance, making it ideal for protecting wire and cable bundles in conditions with continual movement or bending. This material is highly resistant to UV light, solvents and oils. Combine with HelaGuard Non-Metallic Fittings to achieve IP66 or greater protection against water, wind and dirt.       |
|                    | Short Description             | HelaGuard Non-Metallic Conduit, Std. Weight, 1.00" Dia, Nylon PA12, Black, 50 ft/Std. Reel   |
| Product Dimensions |                               |  |
|                    | Length L (Imperial)           | 50.0ft   |
|                    | Length L (Metric)             | 15.2m  |
|                    | Inner Diameter D (Imperial)   | 1.11"  |
|                    | Inner Diameter ID (metric)    | 28.1mm   |
|                    | Euro (NW) Size                | 29mm   |
|                    | Pitch Type                    | C (Coarse)   |
|                    | Trade Size                    | 1 "  |
|                    | Outside Diameter D (imperial) | 1.36"  |
|                    | Outside Diameter OD (metric)  | 34.5mm   |
|                    | Nominal Diameter (Imperial)   | 1"   |
|                    | Nominal Diameter (Metric)     | 34mm   |
|                    | Inside Bend Radius (Imperial) | 2.17"  |

166-90211



|                             |                               |  |
|-----------------------------|-------------------------------|--|
| Product Dimensions          | Inside Bend Radius (Metric)   | 55mm   |
| Material and Specifications |                               |  |
|                             | Material                      | Polyamide 12 (PA12)                          |
|                             | Material Shortcut             | PA12   |
|                             | Flammability                  | Self-Extinguishing according to EN IEC 61386 |
|                             | Halogenfree                   | Yes  |
|                             | Operating Temperature         | -58°F to +230°F (-50°C to +110°C)            |
|                             | ROHS Compliant                | Yes  |
|                             | UL Recognized (US and Canada) | Yes  |
|                             | UL Recognized (US)            | Yes  |
| Logistic and Packaging      |                               |  |
|                             | Package Quantity (Imperial)   | 50ft   |
|                             | Package Quantity (Metric)     | 15.2m  |
|                             | Customs Number(Schedule B)    | 3926909987                                   |