

Article Number: 166-90201

Description: HelaGuard Non-Metallic Conduit, Light Weight, 1.50" Dia,

PA6, Black, 50 ft/Std. Reel

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| Base Data             |                               |   |
|-----------------------|-------------------------------|---|
|                       | Local Order Number            | 166-90201   |
|                       | Type                          | HG-LW1500   |
|                       | Color                         | Black (BK)  |
|                       | Features and benefits         | Lightweight and highly flexible for use in tight bend and fit applications.   |
|                       | reatures and benefits         | <ul> <li>Easy to use and cut; reduces installation time and labor costs.</li> <li>Good abrasion resistance and impact strength; recovers quickly if crushed.</li> <li>Offered in fine or course corrugated pitch.</li> </ul>  |
|                       | Quantity Per                  | reel  |
|                       | Product Description           | Lightweight nylon corrugated conduit provides high flexibility and good mechanical protection of wire and cable bundles, especially useful in smaller bend radius tight-fit applications. PA6 material offers high resistance to oils and solvents, along with good abrasion protection. Combine with HelaGuard non-metallic fittings for IP66 rating or greater protection against water, wind and dirt. |
|                       | Short Description             | HelaGuard Non-Metallic Conduit, Light Weight, 1.50" Dia, PA6, Black, 50 ft/Std. Reel  |
| Product<br>Dimensions |                               |   |
|                       | Length L (Imperial)           | 50.0ft  |
|                       | Length L (Metric)             | 15.2m   |
|                       | Inner Diameter D (Imperial)   | 1.87"   |
|                       | Inner Diameter ID (metric)    | 47.2mm  |
|                       | Euro (NW) Size                | 48mm  |
|                       | Pitch Type                    | C (Coarse)  |
|                       | Trade Size                    | 1-1/2 "   |
|                       | Outside Diameter D (imperial) | 2.15"   |
|                       | Outside Diameter OD (metric)  | 54.5mm  |
|                       | Nominal Diameter (Imperial)   | 2-1/8"  |
|                       | Nominal Diameter (Metric)     | 54mm  |
|                       | Inside Bend Radius (Imperial) | 3.15"   |
|                       | Inside Bend Radius (Metric)   | 80mm  |

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## 166-90201



| Material and Specifications |                               |  |
|-----------------------------|-------------------------------|--|
|                             | Material                      | Polyamide 6 (PA6)                            |
|                             | Material Shortcut             | PA6  |
|                             | Flammability                  | Self-Extinguishing according to EN IEC 61386 |
|                             | Halogenfree                   | Yes  |
|                             | Operating Temperature         | -40°F to +248°F (-40°C to +120°C)            |
|                             | ROHS Compliant                | Yes  |
|                             | UL Recognized (US and Canada) | Yes  |
|                             | UL Recognized (US)            | Yes  |
| Logistic and<br>Packaging   |                               |  |
|                             | Package Quantity (Imperial)   | 50ft   |
|                             | Package Quantity (Metric)     | 15.2m  |
|                             | Customs Number(Schedule B)    | 3926909987                                   |

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