

Specification Sheet

Part Number: 166-90206

Flame retardant material; meets low flammability, smoke and toxicity ratings.

Easy to use and cut; reduces installation time and labor costs.

Flexible, abrasion resistant and durable for a variety of applications.

Good impact strength; recovers quickly if crushed.

Rated UL94 V0.

UV resistant; suitable for use in outdoor applications.

Offered in fine or course corrugated pitch.



HelaGuard Non-Metallic Conduit, Flame Retardant, Std Wt, 1.25" Dia, PA6-FR, Bk, 50 ft/Std. Reel

Article Number 166-90206

Type HG-FR1250

Color Black (BK)

Quantity Per reel

Product Description A standard weight corrugated conduit made of a flame retardant material for use in applications in which high fire protection and low flammability are primary requirements. Easy to cut and use, the material is highly resistant to solvents and oils. Combine with HelaGuard Non-Metallic Fittings for IP66 rating or greater protection against water, wind and dirt.

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|--------------------------------|---|
| Short Description | HelaGuard Non-Metallic Conduit, Flame Retardant, Std Wt, 1.25" Dia, PA6-FR, Bk, 50 ft/Std. Reel |
| Global Part Name | HG-FR1250-PA6FR-BK |
| Length L (Imperial) | 50.0 |
| Length L (Metric) | 15.2 |
| Inner Diameter D (Imperial) | 1.40 |
| Inner Diameter D (Metric) | 35.5 |
| Outside Diameter OD (Imperial) | 1.68 |
| Outside Diameter OD (Metric) | 42.5 |
| Nominal Diameter (Imperial) | 1.25 |
| Nominal Diameter (Metric) | 42 |
| Material | Polyamide 6, flame retardant (PA6FR) |
| Material Shortcut | PA6FR |
| Flammability | UL 94 V-0 |
| Halogen Free | Yes |

| | |
|-------------------------------|---|
| UV Resistant (Yes/No) | No |
| Operating Temperature | -40°F to +248°F (-40°C to +120°C) |
| Reach Compliant (Article 33) | Yes |
| ROHS Compliant | Yes |
| Certification/Specification | Exova NFPA130: 2017 ASTM 1354 ASTM E 662 ASTM E 162 |
| UL Recognized (US) | Yes |
| UL Recognized (US and Canada) | Yes |
| Package Quantity (Imperial) | 50 |
| Package Quantity (Metric) | 15.24 |
| Customs Number | 3926909988 |

About HellermannTyton

HellermannTyton is a global manufacturer of cable management and identification solutions for automotive, solar, electrical, construction, industrial automation, broadband and other OEM markets. The company's integrated approach to product design, sustainability, production, quality assurance and delivery is optimized to benefit local and global customers. HellermannTyton operates in 39 countries, with North American headquarters in Milwaukee, Wisconsin. (www.hellermann.tyton.com).

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