

Specification Sheet

Part Number: 166-90096

External NPT thread provides a secure connection.

Snap-on construction reduces installation time and costs by eliminating the need to thread fittings onto conduits.

All-around "teeth" attach firmly to conduit and deliver a high extraction force.

Durable nylon material has high resistance to salts, oils, weak acids and solvents.

IP66 fitting has one-piece construction.



HelaGuard Non-Metallic IP66 45 Degree Elbow, 1.0" NPT Thread, 1.00" Dia, PA66, Black, 10/pkg

Article Number 166-90096

Type HG100-45-1000

Color Black (BK)

Quantity Per bag

Product Description
Helaguard Non-Metallic 45-Degree Elbow Fittings provide fast fit installation, durability and extremely high pull off strength performance. Suitable for use on all types of corrugated conduits, both fine and course pitch material. Low-profile and lightweight fittings for use in OEM, automation, and control panel applications. External NPT thread pattern suitable for knockouts. Designed for easy removal with small screwdriver. IP66 ingress protection rated fittings.

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|--------------------------------|--|
| Short Description | HelaGuard Non-Metallic IP66 45 Degree Elbow, 1.0" NPT Thread, 1.00" Dia, PA66, Black, 10/pkg |
| Global Part Name | HG100-45-1000-PA66-BK |
| Length L (Imperial) | 3.19 |
| Length L (Metric) | 81.0 |
| Variant | 45° Elbow |
| Outside Diameter OD (Imperial) | 2.01 |
| Outside Diameter OD (Metric) | 51.0 |
| Nominal Diameter (Imperial) | 1 |
| Nominal Diameter (Metric) | 34 |
| Material | Polyamide 6.6 (PA66) |
| Material Shortcut | PA66 |
| Flammability | UL 94 V-2 |
| Halogen Free | Yes |
| UV Resistant (Yes/No) | No |

| | |
|-------------------------------|-----------------------------------|
| Operating Temperature | -58°F to +275°F (-50°C to +135°C) |
| Reach Compliant (Article 33) | Yes |
| ROHS Compliant | Yes |
| UL Recognized (US) | Yes |
| UL Recognized (US and Canada) | Yes |
| Package Quantity (Imperial) | 10 |
| Package Quantity (Metric) | 10 |
| 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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