

## Specification Sheet

Part Number: 166-90100

External NPT thread provides a secure connection.

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

Elbow features a smooth, swept bore to ease cable installation.

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 Fitting, 90-Elbow, NPT Thread, 1.00" Dia, PA66, Black, 10/pkg

Article Number 166-90100

Type HG100-90-1000

Color Black (BK)

Quantity Per bag

**Product Description**  
HelaGuard Non-Metallic 90-Degree Elbow fitting features a snap-on design that provides a quick, secure connection. Constructed of a very durable nylon material with a high resistance to salts, oils, weak acids and solvents. Designed for easy removal with a small screwdriver. IP66 ingress protection rated fittings.

|                                |   |
|--------------------------------|---|
| Short Description              | HelaGuard Non-Metallic IP66 Fitting, 90-Elbow, NPT Thread, 1.00" Dia, PA66, Black, 10/pkg |
| Global Part Name               | HG100-90-1000-PA66-BK   |
| Length L (Imperial)            | 2.96  |
| Length L (Metric)              | 75  |
| Variant                        | 90° Elbow   |
| Outside Diameter OD (Imperial) | 2.04  |
| Outside Diameter OD (Metric)   | 51  |
| 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](http://www.hellermann.tyton.com)).

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