

## Specification Sheet

Part Number: 166-90097

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.



|                     |   |
|---------------------|---|
| Article Number      | 166-90097   |
| Type                | HG150-45-1500   |
| Color               | Black (BK)  |
| Quantity Per        | pack  |
| 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. |

|                                |  |
|--------------------------------|--|
| Short Description              | HelaGuard® Non-Metallic IP66 45 Degree Elbow, 1.5" NPT Thread, 1.50" Dia, PA66, Black, 2/pkg |
| Global Part Name               | HG150-45-1500-PA66-BK  |
| Length L (Imperial)            | 4.17   |
| Length L (Metric)              | 106  |
| Variant                        | 45° Elbow  |
| Outside Diameter OD (Imperial) | 2.99   |
| Outside Diameter OD (Metric)   | 76.0   |
| Nominal Diameter (Imperial)    | 2.13   |
| Nominal Diameter (Metric)      | 54   |
| 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) 2

Package Quantity (Metric) 2

Customs Number 3926909988

7930 N. Faulkner Road, Milwaukee, WI 53224

Phone: (800) 537-1512 | Email: [corp@htamericas.com](mailto:corp@htamericas.com)

© 2026 HellermannTyton. All Rights Reserved.

[Contact Us](#) [RoHS/WEEE Compliance](#) [Privacy Policy](#) [Cookie Policy](#) [Terms and Conditions](#)