



166-90115



**Article Number:** 166-90115

**HelaGuard Non Metallic IP68 Fitting, 90 Degree Elbow, NPT Thread, 1.00" Dia., PA66, Black, 10/pkg**

 **RoHS**

Base Data

Local Order Number	166-90115
Type	HGL100-90-1000
Color	Black (BK)
Features and Benefits	<ul style="list-style-type: none"><li>• External NPT thread provides a secure connection.</li><li>• Snap-on construction reduces installation time and costs by eliminating the need to thread fittings onto conduits.</li><li>• Elbow features a smooth, swept bore to ease cable installation.</li><li>• All-around "teeth" attach firmly to conduit and deliver a high extraction force.</li><li>• Durable nylon material has high resistance to salts, oils, weak acids and solvents.</li><li>• IP66 fitting has one-piece construction.</li><li>• IP68 fitting has additional conduit seal for increased protection against wind, dirt and water.</li></ul>
Product Description	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. Choose from IP66 or IP68 ingress protection rated fittings.
Thread Type	NPT
Type of Connection	snap-connection
Variant	90° Elbow
Short Description	HelaGuard Non Metallic IP68 Fitting, 90 Degree Elbow, NPT Thread, 1.00" Dia., PA66, Black, 10/pkg

Product Dimensions

Length L (imperial)	2.96 "
Length L (metric)	75 mm
Bore Diameter (Imperial)	0.97 "
Bore Diameter (Metric)	24.5 mm
Clearance Hole Diameter (Imperial)	1.734 "
Clearance Hole Diameter (Metric)	44.04 mm
Euro (NW) Size	29 mm
Thread Length (Imperial)	0.63 "
Outside Diameter D (imperial)	2.04 "
Outside Diameter D (metric)	51 mm
Nominal Diameter (imperial)	1 "
Nominal Diameter (metric)	34 mm
Thread Length (metric)	16 mm

Logistics and Packaging

Quantity per	bag
Package Quantity (imperial)	10
Package Quantity	10 Pieces

## Material and Specifications

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<b>Material</b>	Polyamide 6.6 (PA66)
<b>Material Shortcut</b>	PA66
<b>Flammability</b>	UL94 V2
<b>Halogenfree</b>	Yes
<b>Operating Temperature</b>	-58°F to +275°F (-50°C to +135°C)
<b>ROHS Conformity</b>	Yes
<b>UL Listed (US and Canada)</b>	Yes
<b>UL Listed (US)</b>	Yes
<b>UL Recognized (US)</b>	Yes
<b>UL Recognized (US and Canada)</b>	Yes