

## Specification Sheet

Part Number: 166-90789



HelaGuard NM Ultra IP68 Fitting, 90-Degree Elbow, 1.0" NPT Thread, 1" Dia., PA66, Black, 1/pkg

|                |           |
|----------------|-----------|
| Article Number | 166-90789 |
|----------------|-----------|

|      |                |
|------|----------------|
| Type | HGU100-90-1000 |
|------|----------------|

|       |            |
|-------|------------|
| Color | Black (BK) |
|-------|------------|

|                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Features & Benefits | <ul style="list-style-type: none"><li>• Integrated Sealing Technology includes conduit insert seal and high-performance face-sealing washer for ease of use and durability.</li><li>• True one-piece component for fast Snap-On application reduces installation time and costs by eliminating the need to thread fittings onto conduits.</li><li>• All-around "teeth" attach firmly to corrugated conduit and deliver a high extraction force.</li><li>• Elbow features a smooth bore to ease cable installation.</li><li>• PA66 nylon material has high resistance to salts, oils, weak acids, and solvents.</li><li>• Integrated design delivers IP66 + IP67 + IP68 + IP69 ingress protection against moisture and dirt.</li></ul> |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|              |      |
|--------------|------|
| Quantity Per | pack |
|--------------|------|

|                                      |                                                                                                                                                                                                                                                                                                                                                                              |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Elbow Snap-On style Metric or NPT threaded nylon fittings provide a true one-piece component solution; seals and locknuts are included. Durable nylon materials deliver high chemical resistance against salts, oils, weak acids, and solvents. Designed for easy removal with a small screwdriver. UL-Listed fittings deliver IP66 + IP67 + IP68 + IP69 ingress protection. |
| <b>Short Description</b>             | HelaGuard NM Ultra IP68 Fitting, 90-Degree Elbow, 1.0" NPT Thread, 1" Dia., PA66, Black, 1/pkg                                                                                                                                                                                                                                                                               |
| <b>Global Part Name</b>              | HGU100-90-1000-PA66-BK                                                                                                                                                                                                                                                                                                                                                       |
| <b>Length L (Imperial)</b>           | 2.96                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Length L (Metric)</b>             | 75.0                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Variant</b>                       | 90° Elbow                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Outside Diameter OD(Imperial)</b> | 2.04                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Outside Diameter OD(metric)</b>   | 51.0                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Nominal Diameter (Imperial)</b>   | 1                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Nominal Diameter (Metric)</b>     | 34                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Material</b>                      | Polyamide 6.6 (PA66)                                                                                                                                                                                                                                                                                                                                                         |
| <b>Material Shortcut</b>             | PA66                                                                                                                                                                                                                                                                                                                                                                         |

|                                       |                                   |
|---------------------------------------|-----------------------------------|
| <b>Flammability</b>                   | Self-Extinguishing                |
| <b>Halogen free</b>                   | Yes                               |
| <b>Operating Temperature (Metric)</b> | -58°F to +275°F (-50°C to +135°C) |
| <b>ROHS Complaint</b>                 | Yes                               |
| <b>UL Listed (US and Canada)</b>      | Yes                               |
| <b>UL Listed (US</b>                  | Yes                               |
| <b>Package Quantity(Imperial)</b>     | 1                                 |
| <b>Package Quantity (Metric)</b>      | 1                                 |
| <b>Customs Number</b>                 | 3926909988                        |