

Specification Sheet

Part Number: 166-90127

External NPT thread provides a secure connection.

Twist-on installation makes future access fast and easy.

Internal spigot design helps ease threading of fitting onto conduit.

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.

IP65 rating for protection against wind, dirt and low pressure jets of water from all directions.



HelaGuard® Non-Metallic IP65 Fitting, 45-Elbow, NPT Thread, 1.00" Dia, PA66, Black, 10/pkg

Article Number 166-90127

Type PSR100-45-1000

Color Black (BK)

Quantity Per pack

Product Description Compression fittings feature a twist-on design for easy installation and future access. Constructed of a very durable nylon material with a high resistance to salts, oils, weak acids and solvents. Fits HelaGuard non-metallic conduits and tubing.

Short Description	HelaGuard® Non-Metallic IP65 Fitting, 45-Elbow, NPT Thread, 1.00" Dia, PA66, Black, 10/pkg
Global Part Name	PSR100-45-1000-PA66-BK
Length L (Imperial)	3.15
Length L (Metric)	80
Variant	45° Elbow
Outside Diameter OD (Imperial)	1.89
Outside Diameter OD (Metric)	48
Nominal Diameter (Imperial)	1
Nominal Diameter (Metric)	32
Material	Polyamide 6.6 (PA66)
Material Shortcut	PA66
Flammability	UL 94 V-2
Halogen Free	Yes
UV Resistant (Yes/No)	No

Use Conditions	For Indoor and Outdoor Use
Operating Temperature	-40°F to +248°F (-40°C to +120°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

7930 N. Faulkner Road, Milwaukee, WI 53224

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

© 2026 HellermannTyton. All Rights Reserved.

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