

## Specification Sheet

Part Number: 166-90199



Lightweight and highly flexible for use in tight bend and fit applications.  
Easy to use and cut; reduces installation time and labor costs.

Good abrasion resistance and impact strength; recovers quickly if crushed.

Offered in fine or course corrugated pitch.

HelaGuard Non-Metallic Conduit, Light Weight, 1.00" Dia, PA6, Black, 50 ft/Std. Reel

Article Number 166-90199

Type HG-LW1000

Color Black (BK)

Quantity Per reel

Product Description Lightweight nylon corrugated conduit provides high flexibility and good mechanical protection of wire and cable bundles, especially useful in smaller bend radius tight-fit applications. PA6 material offers high resistance to oils and solvents, along with good abrasion protection. Combine with HelaGuard non-metallic fittings for IP66 rating or greater protection against water, wind and dirt.

Short Description HelaGuard Non-Metallic Conduit, Light Weight, 1.00" Dia, PA6, Black, 50 ft/Std. Reel

Global Part Name	HG-LW1000-PA6-BK
Length L (Imperial)	50.0
Length L (Metric)	15.2
Inner Diameter D (Imperial)	1.12
Inner Diameter D (Metric)	28.1
Outside Diameter OD (Imperial)	1.36
Outside Diameter OD (Metric)	34.5
Nominal Diameter (Imperial)	1
Nominal Diameter (Metric)	34
Material	Polyamide 6 (PA6)
Material Shortcut	PA6
Flammability	EN IEC 61386
Halogen Free	Yes
UV Resistant (Yes/No)	No
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)	50
Package Quantity (Metric)	15.24
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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