

Specification Sheet

Part Number: 166-90291

Material is easy to use and cut; reduces installation time and labor costs.

Flexible, abrasion resistant and durable for a variety of applications.

Good impact strength; recovers quickly if crushed.

UV resistant; suitable for use in outdoor applications.

Offered in fine or course corrugated pitch.



HelaGuard Non-Metallic Conduit, Std. Weight, 0.75" Dia., Fine Pitch, Nylon PA6, Black, 164ft/reel

Article Number	166-90291
----------------	-----------

Type	HG-SW0750F
------	------------

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

Quantity Per	reel
--------------	------

Product Description	A standard weight corrugated conduit made of PA6 nylon that offers flexible abrasion protection for wire and cable bundles. Easy to cut and use, the material is highly resistant to solvents and oils. Combine with HelaGuard non-metallic fittings for IP66 rating or greater protection against water, wind and dirt.
---------------------	--

Short Description	HelaGuard Non-Metallic Conduit, Std. Weight, 0.75" Dia., Fine Pitch, Nylon PA6, Black, 164ft/reel
-------------------	---

Global Part Name	HG-SW0750F-PA6-BK
------------------	-------------------

Length L (Imperial)	164.0
---------------------	-------

Length L (Metric)	50.0
-------------------	------

Inner Diameter D (Imperial)	0.85
-----------------------------	------

Inner Diameter D (Metric)	21.7
---------------------------	------

Outside Diameter OD (Imperial)	1.13
--------------------------------	------

Outside Diameter OD (Metric)	28.5
------------------------------	------

Nominal Diameter (Imperial)	0.75
-----------------------------	------

Nominal Diameter (Metric)	28
---------------------------	----

Material	Polyamide 6 (PA6)
----------	-------------------

Material Shortcut	PA6
-------------------	-----

Flammability	UL 94 V-2
--------------	-----------

Halogen Free	Yes
--------------	-----

UV Resistant (Yes/No)	No
-----------------------	----

Use Conditions	For Indoor Use Only
----------------	---------------------

Operating Temperature	-40°F to +248°F (-40°C to +120°C)
-----------------------	-----------------------------------

Reach Compliant (Article 33)	No
------------------------------	----

ROHS Compliant	Yes
----------------	-----

UL Recognized (US)	Yes
--------------------	-----

UL Recognized (US and Canada)	Yes
-------------------------------	-----

Package Quantity (Imperial)	164.04
-----------------------------	--------

Package Quantity (Metric)	50.0
---------------------------	------

Customs Number	3926909988
----------------	------------

7930 N. Faulkner Road, Milwaukee, WI 53224

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

© 2025 HellermannTyton. All Rights Reserved.

[Contact Us](#) [RoHS/WEEE Compliance](#) [Disclaimer](#) [Terms and Conditions](#)