

NYLOFLEX®

Flexible Corrugated Conduit - Nylon (PA-6)



**MANUFACTURED
IN AUSTRALIA**



**450N/5CM
COMPRESSION
STRENGTH**



**2J IMPACT
RESISTANCE**



UV STABILISED

NYLOFLEX® is our PA-6 electrical corrugated conduit ideal for electrical installations requiring halogen-free, high strength, high temperature resistance cable protection.

Polyamides such as PA-6 exhibit high temperature and electrical resistance. Thanks to their crystalline structure they also show excellent chemical resistance. PA-6 has superb mechanical and barrier properties.

- Good impact strength, even at low temperature
- Excellent fuel and oil resistance
- Good fatigue resistance
- High strength and stiffness at high temperatures

NYLOFLEX® is a made-to-order product with limited stock availability.

PROPERTIES	Non-Split	Split
Material	Nylon (PA-6)	Nylon (PA-6)
Rated Duty	-	-
Colour	Black RAL 9011	Black RAL 9011
B.E.P Certified	-	-
Flame Resistance	UL94-V0	UL94-V0
Lead Free	Yes	Yes
Dielectric Strength	10 - 20 kV/mm	10 - 20 kV/mm
Halogen Free	Yes	Yes
Ageing Resistance	> 25 years	> 25 years
Country of Manufacture	Australia	Australia
SPECIFICATIONS		
Compression Strength	450 N	-
Impact Resistance	2J	-
UV Resistance	UV Stabilised	UV Stabilised
Minimum Temperature	-20°C	-20°C
Maximum Temperature	+100°C	+100°C
Resistance to Bending	Flexible	Flexible

Product Codes and Dimensions

TYPE (NOMINAL)	PART NUMBER	DESCRIPTION
Ø23	HPPNF2350	NYLOFLEX® Corrugated Conduit Roll 23mm x 50m
Ø29	HPPNF2950	NYLOFLEX® Corrugated Conduit Roll 29mm x 50m
Ø36	HPPNF3630	NYLOFLEX® Corrugated Conduit Roll 36mm x 30m
Ø48	HPPNF4830	NYLOFLEX® Corrugated Conduit Roll 48mm x 30m

NYLOFLEX® codes are merely guide and subject to change. Other dimensions and lengths are available on request.

TYPE (NOMINAL)	OUTER DIAMETER (mm)	INNER DIAMETER (mm)	WORKING BENDING RADIUS (mm)	STD COIL LENGTH (m)
Ø23	28.5 (±0.4)	22.6 (±0.5)	120	50
Ø29	34.5 (±0.4)	29 (±0.4)	150	50
Ø36	42.5 (±0.4)	36.5 (±0.4)	192	25
Ø48	54.5 (±0.4)	48.5 (±0.4)	240	25

Ideal uses

Commercial and Industrial installations requiring a halogen-free polymer with excellent fuel and oil resistance