



## General purpose conduit NC Standard weight, Polyamide 6



NC Standard Weight  
General Purpose Conduit

### NC Standard Weight - Conduit

General purpose conduit / **Materials:** Polyamide 6

**Colour:** Black (BL), Grey (RAL7031), Red (RAL3031) & Orange (RAL2003)

Part No.	Conduit Size		Nominal O/D A	Min. Bore B	Min. Static Bend Radius C	Reel Length
	NC	NW				
NC06	06	4.5	7.1mm	4.5mm	5mm	100m
NC08	08	7.5	10.0mm	6.5mm	15mm	100m
NC10	10	8.5	11.5mm	8.4mm	15mm	100m
NC12	12	10	13.0mm	9.9mm	20mm	100m
NC16	16	13	16.0mm	11.8mm	30mm	100m
NC20	20	17	21.2mm	16.6mm	35mm	50m
NC25	25	22	25.6mm	21.3mm	40mm	50m
NC28	28	23	28.5mm	22.6mm	45mm	50m
NC30	30	26	31.6mm	26.0mm	50mm	50m
NC32	32	29	34.5mm	28.8mm	55mm	50m
NC40	40	36	42.5mm	34.8mm	65mm	25m
NC50	50	48	54.5mm	46.9mm	70mm	25m



#### Approvals

**ADR Approved** (Sealed fittings)

**UL94 HB** rated

**CE Mark** to the Low Voltage Directive

**RoHS Compliant** to 2011/65/EU

Conforms with **End of Life Vehicle  
directive (ELV) EU200/53/EC**

#### IP Rating

IP40

IP67

IP68 (2 bar 30mins)

#### Appropriate Fitting

Hinged fittings

Sealed fittings

Sealed fittings

#### Temperature Range

-40°C to +120°C

Short-term: +150°C

#### UV Resistance

Very High (Black)

Medium (Grey, Orange  
and Red)

#### Degree of Mechanical Protection

High flexibility & fatigue life

Very high abrasion, impact and shock resistance

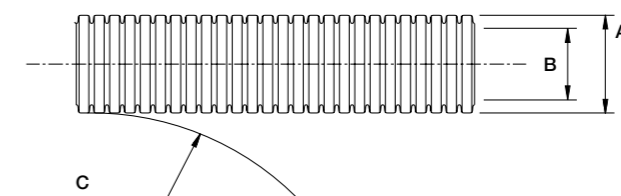
#### Fire Performance

Self Extinguishing

Low Smoke Toxicity

Halogen Free

#### Dimensions



#### Description

Flexible standard weight nylon (PA6) conduit is a general-purpose conduit suitable for automotive harness applications. Able to withstand extremes of temperatures and resistant to automotive oils and solvents. It is extremely tough and has a high impact strength and fatigue life.

#### Applications

NC standard weight is extensively used in harnesses on HGV and off road vehicle applications where a superior protection against impact and mechanical shock is preferred. The conduit is used for both chassis and engine applications and can be used in a wide range of temperatures. Polyamide 6 is highly resistant to all hydrocarbon based oils and fluids and many types of solvents.