

## NC Standard weight, polyamide 6

### General purpose conduit



Solid



Slit

#### 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 very high impact strength and high fatigue life.

#### Applications

NC standard weight conduit 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.

#### NC Standard weight

Materials: Polyamide 6

Approvals	IP Rating	Appropriate fitting	Temperature range	UV resistance
ADR Approved (Sealed fittings)	IP40	Hinged fittings	Long term: -40°C to +120°C	Very high (Black)
UL94 HB rated			Short term: +150°C	
CE Mark to the Low Voltage Directive	IP67	Sealed fittings	<b>Fire performance</b>	
RoHS Compliant to 2011/65/EU	IP68 (2 bar 30 mins)	Sealed fittings	Self extinguishing	
Reg 118			Low smoke toxicity	
Conforms with End of Life Vehicle directive (ELV) EU200/53/EC	<b>Degree of mechanical protection</b>		Halogen free	
	High flexibility & fatigue life			
	Very high abrasion, impact and shock resistance			
	Suited to high risk impact applications			



#### Dimensions

	Solid Part No.	Slit Part No.	Conduit size			Nominal O/D A (mm)	Min. bore B (mm)	Min. static bend radius C (mm)	Reel length (m)
			NC	NW	US				
	NC06	NC06-S	06	4.5	3/16	7.1	4.5	5.0	100
	NC08	NC08-S	08	7.5	1/4	10.0	6.5	15.0	100
	NC10	NC10-S	10	8.5	5/16	11.5	8.4	15.0	100
	NC12	NC12-S	12	10	5/16	13.0	9.9	20.0	100
	NC16	NC16-S	16	13	3/8	16.0	11.8	30.0	100
	NC20	NC20-S	20	17	1/2	21.2	16.6	35.0	50
	NC25	NC25-S	25	22	3/4	25.6	21.3	40.0	50
	NC28	NC28-S	28	23	3/4	28.5	22.6	45.0	50
	NC30	NC30-S	30	26	1	31.6	26.0	50.0	50
	NC32	NC32-S	32	29	1	34.5	28.8	55.0	50
	NC40	NC40-S	40	36	1 1/4	42.5	34.8	65.0	25
	NC50	NC50-S	50	48	1 1/2	54.5	46.9	70.0	25

Colours available: Black ● RAL 9005 / Orange ● RAL 2003 / \*Other colour options available, subject strictly to MOQ.

To order quote part number & reel length, e.g. NC06/100m. For slit conduit options add -S to part number, e.g. NC06-S/100m.

For colours other than standard Black also add colour, i.e. /OR for Orange conduit, e.g. NC06/OR/100m.

Bulk coil lengths over 200m are also available.