

Harnessflex
SPECIALIST CONDUIT SYSTEMS

Harness Flex Nylon Tubing

ADR Approved & RoHS Compliant

www.dascosupplygroup.com.au

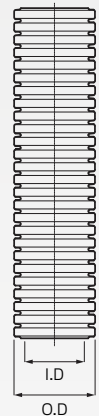


DESCRIPTION

HarnessFlex nylon conduits are flexible standard weight, nylon (PA6) UV stabilised general purpose conduit. Withstanding temperature of -40°C to 120°C. High flexibility and fatigue life accompanied with high abrasion, impact & shock resistance. Self-extinguishing and are halogen free. Conforms to ADR, CE & RoHS requirements.

DIMENSIONS

Part Number.	Nominal Size	Inner Dia (I.D)	Outer Dia (O.D)	Spool Length
NCS-NC08/100	8mm	6.20mm	10.05mm	100m
NCS-NC10/100	10mm	8.25mm	11.60mm	100m
NCS-NC12/100	12mm	9.65mm	13.10mm	100m
NCS-NC16/50	16mm	11.70mm	16.05mm	50m
NCS-NC20/50	20mm	16.45mm	21.20mm	50m
NCS-NC25/50	25mm	21.10mm	25.80mm	50m
NCS-NC32/50	32mm	28.60mm	34.50mm	50m



TECHNICAL SPECIFICATIONS

Static Temperature Range	• -40°C to 120°C
Moving Temperature Range	• -15°C to 120°C
UV Resistant	• Very high (black)

Material	• Polyamide nylon PA 6 - heat & UV stabilised
Approvals	• ADR approved • CE marked to Low Voltage Directive 2014/35/EU • RoHS compliant to 2011/65/EU

Mechanical Properties

Crush Strength	• >320N (IEC61386-1 standard)
Tensile Strength	• >100 (IEC61386-1 standard)
Impact Strength @ 23°C	• >20J (IEC61386-1 standard)
Impact Strength @ -15°C	• >6J (IEC61386-1 standard)
Dynamic Bend Radius @ -15°C	• 4xOD (IEC61386-23 standard)
Cool Bend @ -40°C	• Pass (NFR13-903 standard)

Flammability

Oxygen Index	• 23% (ISO 4589-2 standard)
Glow Wire	• HB (UL94 standard)
Flammability	• Pass (BS EN IEC 61386-1) • 0mm/min (FMVSS3042)

Pre-Test Conditions

Duration	• 168 hours (BS EN IEC 61386-1) @ 23° C / 50% humidity
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Toxicity

Halogen Free	• Pass
Phosphorous Free	• Pass
Sulphur Free	• Pass