

CLR Conduit Range

Standard Weight Polyamide 12 Nylon Conduit (Robotics)



CONSTRUCTION:

CLR conduit is a halogen free, flame retardant, corrugated medium duty fine pitch nylon flexible conduit made using polyamide PA12 nylon. Manufactured to comply with AS/NZS 2053.8:1995.

L&C Product Code	Nominal Size mm	Internal Diameter (mm)	Outside Diameter (mm)	Minimum Bending Radius (mm)	Roll Length (Mtr)
CLR10B-50	M10	6.3	10	15	50
CLR13B-50	M12	9.8	13	25	50
CLR16B-50	M16	11.8	15.8	30	50
CLR21B-50	M20	16.7	21.2	35	50
CLR28B-50	M25	22.8	28.5	45	50
CLR34B-25	M32	28.1	34.5	55	25
CLR42B-25	M40	35.5	42.5	60	25
CLR54B-25	M50	47.2	54.5	70	25

Last Updated: 6/11/2025

APPLICATION:

The CLR range of nylon conduit is ideally suited for installations in environments subject to continuous movement and robotic type applications.

CHARACTERISTICS:

- Temperature Rating -40° C to + 105°C (Intermittent to +120°C)
- Constructed from polyamide 12 nylon (PA12)
- Halogen free and UV resistant
- Flame retardant (UL 94-V2)
- Oil and solvent resistant
- High fatigue life and abrasion resistant
- Highly flexible with good self-recovery characteristics if crushed
- Fittings: Non-metallic CLCM (IP66) and CLCMX (IP68) range of fittings
- Tensile Strength: 30 kg
- Compression Strength: 45 kg per 100mm (21mm conduit)
- CLR conduit range is available in Black (-B) only