

HPFLEX® MEDIUM DUTY

Pliable Electrical Corrugated Conduit - uPVC



HPFLEX® Medium Duty electrical corrugated conduit is manufactured in Australia to the Australian standards with a 25-Year limited warranty*. Our Medium duty is light grey in colour with outstanding UV protection from Australia's harsh sun with extreme UV resistance.

Unplasticised PVC is a cost-effective polymer with high resistance to impact, water, weather, chemicals and corrosive environments.

Our PVC corrugated conduit is manufactured from B.E.P Certified material and conforms to AS/NZS2053.5:2001.



MANUFACTURED IN AUSTRALIA



B.E.P CERTIFIED



750N COMPRESSION STRENGTH



6J IMPACT RESISTANCE



EXTREME UV (T) STABILISATION

PROPERTIES

Material	uPVC
Rated Duty	Medium-Duty
Colour	Light Grey RAL 7035
B.E.P Certified	Yes
Flame Resistance	Non-flame propagating (UL94-V0)
Lead Free	Yes
Dielectric Strength	10 - 40 kV/mm
Halogen Free	No
Ageing Resistance	> 25 years
Rodent repellent	Not attractive to rodents
Country of Manufacture	Australia

SPECIFICATIONS

Compression Strength	750 N
Impact Resistance	2J
UV Resistance	Extreme UV (T)
Minimum Working Temperature	-5°C
Maximum Working Temperature	+60°C
Resistance to Bending	Pliable

STANDARDS

Ø20 to Ø63	AS/NZS 2053.5:2001
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*HP Profiles' liability diminishes over the term of the warranty.

Product information and relevant documents are subject to change. We reserve the right to change material specifications without notice.

Specifications listed are not limited and may extend past the scope of this document.

Dimensions given are approximate as shrinkage can occur after production. 25-year warranty is subject to terms & conditions, contact us or go to www.hpprofiles.com/warranty for full T&C's.

Product Codes and Dimensions

NOMINAL DIAMETER	PART NUMBER	DESCRIPTION
Ø20	HPPCM2010	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 20mm x 10m
	HPPCM2020	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 20mm x 20m
	HPPCM2050	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 20mm x 50m
Ø25	HPPCM2510	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 25mm x 10m
	HPPCM2520	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 25mm x 20m
	HPPCM2550	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 25mm x 50m
Ø32	HPPCM3210	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 32mm x 10m
	HPPCM3225	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 32mm x 25m
Ø40	HPPCM4010	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 40mm x 10m
	HPPCM4025	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 40mm x 25m
Ø50	HPPCM5010	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 50mm x 10m
	HPPCM5025	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 50mm x 25m
Ø63	HPPCM6310	HPFLEX® Medium-Duty Electrical Corrugated Conduit Roll 63mm x 10m

Ø80 is available as Heavy-Duty grey, see page 14.

NOMINAL (mm)	OUTER DIAMETER (mm)	INNER DIAMETER (mm)	WORKING BENDING RADIUS (mm)	STD COIL LENGTH (m)
Ø20	20 (±0.3)	14 (±0.3)	120	10, 20, 50
Ø25	25 (±0.4)	18.2 (±0.4)	150	10, 20, 50
Ø32	32 (±0.4)	23.8 (±0.4)	192	10, 25
Ø40	40 (±0.4)	32.6 (±0.4)	240	10, 25
Ø50	50 (±0.5)	41 (±0.5)	300	10, 25
Ø63	63 (±0.6)	52 (±0.6)	378	10

Our conduits are available in custom coil lengths on request.

Ideal uses

Protection of above-ground electrical cables and installations.

Compatible with

Our PVC Fittings Range pg. 28