

HPFLEX® • UPVC • CORRUGATED CONDUIT

HPFLEX® Medium Duty Electrical Corrugated Conduit

Australian-made Medium Duty uPVC corrugated conduit in light grey, with 750N compression strength, 2J impact resistance and a 25-Year Limited Warranty.*

Extreme UV (T)

Medium Duty

Pliable

100% Australian Made

Lead Free

B.E.P Certified

Manufactured in Australia. 100% Australian owned and operated since 1995.

MADE IN AUSTRALIA

IMPACT

2J

Impact classification

COMPRESSION

750N

Compressive strength

UV CLASS

Extreme (T)

Weathering exposure

WORKING RANGE

-5 → +60°C

Ambient, continuous

OVERVIEW

HPFLEX® Medium Duty Corrugated Conduit is manufactured in Australia and covered by our 25-Year Limited Warranty*. Designed for the protection of electrical cables, it suits a wide range of installations where a flexible, durable conduit system is required.

Manufactured from B.E.P certified material, the conduit is lead-free and Extreme UV (T) stabilised for long-term performance in Australian conditions. Unplasticised PVC is a cost-effective polymer with high resistance to impact, water, weather, chemicals and corrosive environments.

Its grey colour identifies it as Medium Duty electrical conduit, making it suitable for general electrical applications where Heavy Duty underground conduit is not required.

STANDARDS • Ø20 TO Ø63

AS/NZS 61386.22:2022 3.3.2.1

Conduit systems for cable management — pliable conduit systems. Code 3.3.2.1 declares medium compression (750N), 2J impact, -5°C to +60°C working range.

IDEAL USES

Protection of above-ground electrical cables and installations.

COMPATIBLE WITH

Our PVC Fittings Range.

CHARACTERISTICS

Product Code	HPPCM
Material	uPVC
Rated Duty	Medium-Duty
Impact Resistance	2J
Compression Strength	750 N
UV Classification	Extreme UV (T)
Min. Working Temperature	-5°C
Max. Working Temperature	+60°C
Resistance to Bending	Pliable
Flame Performance	Non-flame prop. (UL94-V0)
Dielectric Strength	10 - 40 kV/mm
Colour	Light Grey
B.E.P Certified	Yes
Lead Free	Yes
Halogen Free	No
Ageing Resistance	> 25 years
Rodent Repellent	Not attractive to rodents
Country of Manufacture	Australia

*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

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

NOTE • Ø80
Ø80 is not manufactured in Medium Duty. It is supplied as Heavy Duty grey conduit.

DIMENSIONS

NOMINAL	OUTER Ø (MM)	INNER Ø (MM)	BEND RADIUS (MM)	COIL LENGTHS (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

All conduit supplied in Light Grey. Custom coil lengths available on request — contact our technical team for project-specific sizing.

HP PROFILES — QUALITY YOU CAN TRUST

Reliable Electrical Solutions, Built to Last.

Melbourne	Brisbane	Perth
21 Crompton Way Parramatta South VIC (03) 9792 9740	Unit 2 31 Industry Pl Wynnum QLD (07) 2170 1209	8 Masonry Way Mullas WA (08) 9248 4448