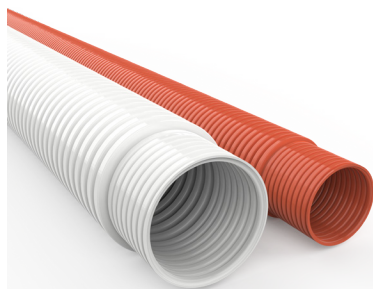


# HPFLEX® CORRUGATED JOINER

Pliable Electrical Corrugated Joiner with Dual Spigots - uPVC



25 YEAR  
LIMITED  
WARRANTY\*



**HPFLEX® Corrugated Joiner** is our new and exclusive product to HP Profiles. Manufactured in Australia with B.E.P certified material, our corrugated joiner is an innovative alternative to conduit bends, building connections, and other installations requiring increased flexibility. Spigots are incorporated in the design allowing for easy installation into existing rigid conduit bells.

The Corrugated Joiner can be installed indoors, outdoors, buried underground or embedded in concrete. It's UV stabilised and can withstand up to 2100N compression.

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



**MANUFACTURED  
IN AUSTRALIA**



**B.E.P CERTIFIED**



**2100N  
COMPRESSION  
STRENGTH**



**28J & 40J  
IMPACT  
RESISTANCE**



**EXTREME UV (T)  
STABILISATION**



**REGISTERED  
DESIGN  
201917034**

## PROPERTIES

Material	uPVC
Rated Duty	Heavy-duty
Colour	Orange RAL 2012 White RAL 9003
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	2100 N
Impact Resistance	Ø100 - 28J Ø150 - 40J
UV Resistance	Extreme UV (T)
Minimum Working Temperature	-5°C
Maximum Working Temperature	+60°C
Resistance to Bending	Pliable
Working Bending Radius	Ø100 - 500mm Ø150 - 720mm

## STANDARDS

Ø100 & Ø150	IEC 61386-22 IEC 61386-24 Type N750
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\*HP Profiles' liability diminishes over the term of the warranty.

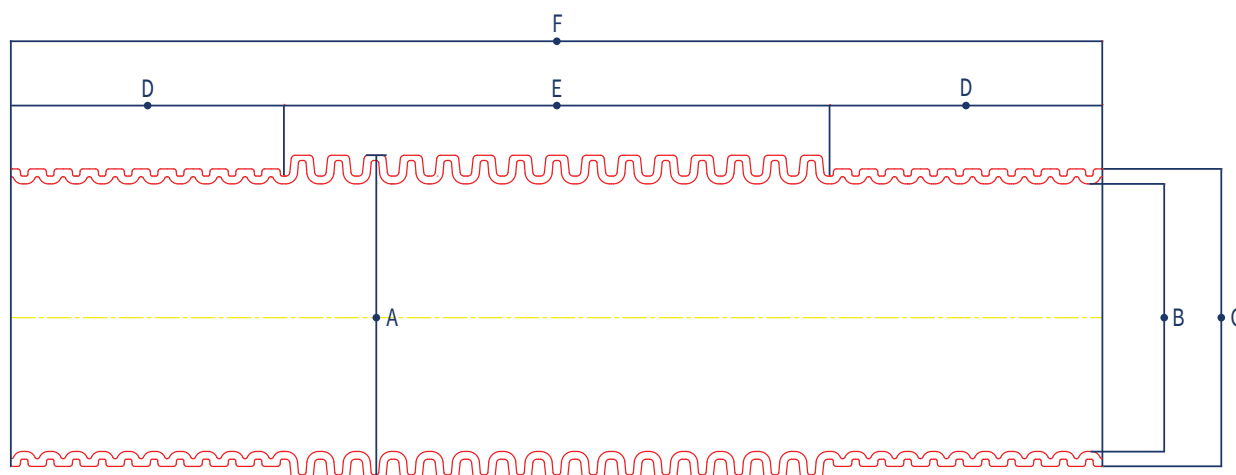
Product information and relevant documents are subject to change. We reserve the right to change material specifications without notice.

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](http://www.hpprofiles.com/warranty) for full T&C's.

## Drawing and Dimensions

### Corrugated Joiner Technical Drawing



Registered Design 201917034

TYPE	A OUTER DIAMETER	B MINIMUM INNER DIAMETER	C SPIGOT O.D	D SPIGOT LENGTH	E CORRUGATED LENGTH	F TOTAL LENGTH
Ø100 - 2.1m	125mm (+0, -1.2mm)	100.3mm	114.5mm <sup>1</sup>	105mm	1890mm	2100mm <sup>3</sup>
Ø150 - 2.1m	180mm (+0,-1.8mm)	140.9mm	160.3mm <sup>2</sup>	105mm	1820mm	2030mm <sup>3</sup>

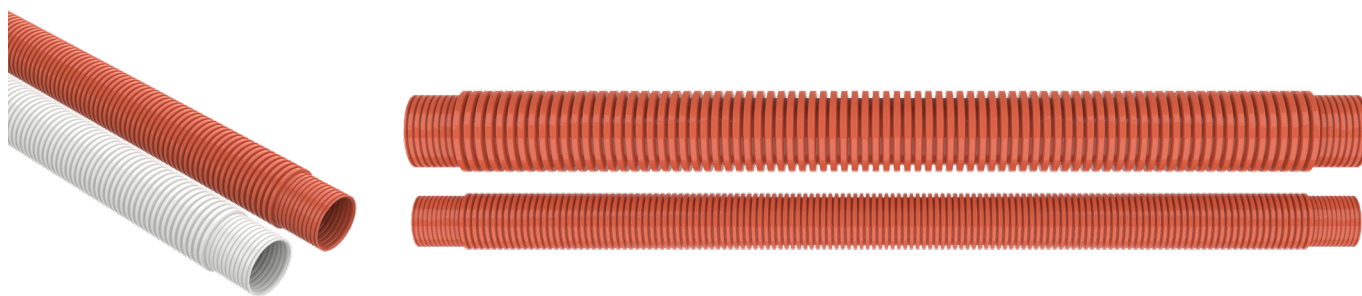
<sup>1</sup> Ø100 spigot outer diameter fits into a standard 100mm rigid conduit bell.

<sup>2</sup> Ø150 spigot outer diameter fits into a standard 150mm rigid conduit bell.

<sup>3</sup> Dimensions are approximate as shrinkage can occur during production.

NOMINAL (mm)	PART NUMBER	DESCRIPTION
Ø100	HPPCJ100	HPFLEX® Heavy Duty Electrical Corrugated Joiner 100mm x 2.1m - Orange
	HPPCJ100W	HPFLEX® Heavy Duty Electrical Corrugated Joiner 100mm x 2.1m White
Ø150	HPPCJ150	HPFLEX® Heavy Duty Electrical Corrugated Joiner 150mm x 2.1m Orange
	HPPCJ150W	HPFLEX® Heavy Duty Electrical Corrugated Joiner 150mm x 2.1m White

### Additional Images



#### Suggested use

HPFLEX® Corrugated Joiner is designed to connect rigid conduit together with increased flexibility. Suitable for connections to buildings or as a bend alternative, this product removes the need for worm clamps and rubber joiners, significantly reducing costs and installation time.