External Hinged Interface

Type JPS - Hinged Conduit Joiner

Harnessflex
SPECIALIST CONDUIT SYSTEMS

Technical Characteristics

Conforms to	CE Mark to the low voltage directive RoHS Compliant to 2011/65/EU Conforms with end of life vehicle directive (ELV) EU200/53/EC
Approvals and Standards	CE RoHS
Degree of mechanical protection	Medium
Degree of protection	IP40 - Hinged fittings
UV protection	Very High (Black)
Finish	Black (BL) only
Application	One Piece joiner hinged fittings allow a variety of conduit size variations. These fittings are designed to snap together over all types of slit and un-slit conduit thus maintaining maximum conduit bore. Can be used as a reducer or as an enlarger.
Normal operating temperature range	Minimum Temperature **- 40°C** Maximum Temperature **+120°C**
For use with - Conduit range	For use with all Conduits in the Harnessflex range
Fire performance	Self Extinguishing Low smoke toxicity & Halogen Free
Chemical resistance & Storage data	Click or See page 3
Type of material	Polyamide (Nylon) PA 66 - heat and UV stabilised
Image	

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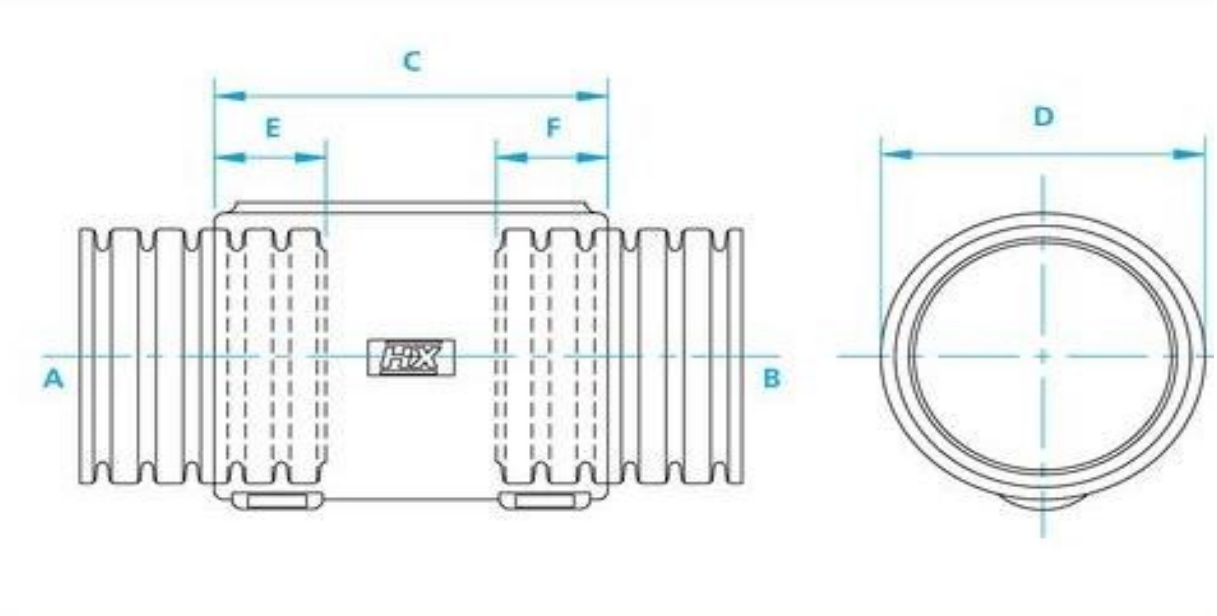
Dimensional Data & Part Number Configuration

Part Number	Conduit Sizes (NC)		(NW)		Nominal Dimensions (mm)			
	A	B	A	B	C	D	E	F
JPS1208	12	08	10	7.5	38	16	10	10
JPS1212	12	12	10	10	36	16	10	10
JPS1612	16	12	13	10	36	21	10	10
JPS1616	16	16	13	13	36	21	10	10
JPS2008	20	08	17	7.5	38	26	12	10
JPS2012	20	12	17	10	38	26	12	10
JPS2016	20	16	17	13	38	26	12	10
JPS2020	20	20	17	17	38	26	12	12
JPS2520	25	20	22	17	39	33	12	12
JPS2525	25	25	22	22	39	33	13	13
JPS2820	28	20	23	17	39	33	13	13
JPS2825	28	25	23	22	39	33	13	13
JPS2828	28	28	23	23	39	33	13	13



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Chemical Resistance Chart

Key:

Suitable :

Limited Suitability :

Unsuitable :

Not Tested :

Astm No.1	Diesel oil	Methyl Bromide	Sulphur Dioxide (Gas)
Astm No.2	Diethylamine	MEK	Sulphuric Acid (10%)
Astm No.3	Ethanol	Nitric Acid (10%)	Sulphuric Acid (70%)
Acetic Acid (10%)	Ether	Nitric Acid (70%)	Toluene
Acetone	Ethylamine	Oxalic Acid	Transformer Oil
Aluminium Chloride	Ethylene Glycol	Ozone (Gas)	1,1,1-Trichloroethane
Aniline	Ethyl Ethanoate	Paraffin oil	Trichloroethylene
Benzaldehyde	Freon 32	Petrol	Turpentine
Benzene	Hydrochloric Acid (10%)	Phenol	Vegetable Oil
Carbon tetrachloride	Hydrochloric Acid (36%)	Sea Water	Vinyl Acetate
Chlorine water	Hydrogen Peroxide (35%)	Silver Nitrate	Water
Chloroform	Hydrogen Peroxide (87%)	Skydrol	White Spirit
Citric Acid	Lactic Acid	Sodium Chloride	Zinc Chloride
Copper Sulphate	Lubricating oil	Sodium Hydroxide (10%)	
Cresol	Methanol	Sodium Hydroxide (60%)	

The information above is given as a guide only and is based on published technical data and experience. The chemical resistance of the above products is dependant on factors such as chemical exposure, concentration of the chemical and temperature. The above chemicals are valid for a temperature of 23°C. Use of the above table is at the users own discretion and risk. Those using it must satisfy themselves that their application presents no health and safety risks. The end user should assess compatibility with their application and contact Thomas & Betts for further information.

ADHERENCE TO THE CURRENT WIRING REGULATIONS BS7671 OR NEC WIRING REGULATIONS (FOR USA) IS STRONGLY ADVISED.
MINIMUM BEND RADIUS FOR FLEXING IS DEPENDANT UPON MINIMUM TEMPERATURE, BENDING FREQUENCY AND CHEMICAL ENVIRONMENT.

Storage Guidelines

To maintain balanced moisture content, Harnessflex recommends storing products under the following conditions:

Storage temp.	Installation temp.	Rel. humidity
18°C to 30°C	>18°C	>30%

If products from an outside environment are brought into a heated processing area, the change in climate may suddenly cause temporary de-moisturisation around the edges. After 24 hours in the processing area a natural balance will be restored.

Observing this storage recommendation ensures optimum process-ability and material properties.

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