TempGuard - Hinged Fittings Type XPH - Hinged X-Piece



Technical Characteristics									
Conforms to	CE mark to the Low voltage directive RoHS Compliant End of Life Vehicle Directive (ELV) EU 2000/53/EC								
Approvals and Standards	(E ROHS								
Degree of mechanical protection	High								
Degree of ingress protection	IP40 - Hinged fittings								
UV protection	Medium								
Finish	Dark Orange								
Application	Two piece symmetrical 4 junction fittings allow a variety of conduit variations. These fittings are designed to snap together over all types of slit and un-slit conduits, thus maintaining maximum internal bore.								
Normal operating temperature range	Minimum Temperature	Permanent Max Temperature	Long Term Max Temperature (30,000 Hrs)	Short Term Max Temperature (3000 Hrs)					
	-40°C	+160°C	+185°C	+200°C					
For use with - Conduit range	Full TempGuard system protection is achieved using these fittings with HTC conduit. Compatible with all Harnessflex conduits.								
Fire Performance	Test Standard	Performance	e Rating						
	UL94	V2							
	UL94 RTI	150 (EI	ec)						
Chemical resistance & Storage data	Click or See page 3								
Type of material	High Temperature High Strength Polyamide - Low Smoke & Halogen Free								
Image									



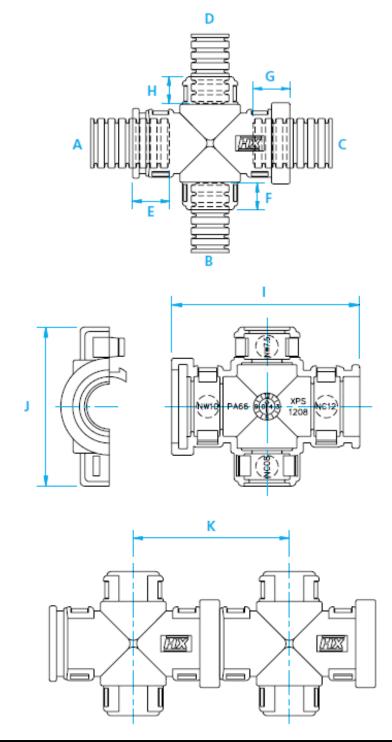
TempGuard - Hinged Fittings





Dimensional Data & Part Number Configuration

Part No	Conduit Size (NC) (NW)							Conduit Engagement				Overall Dimensions			
	Α	В	С	D	Α	В	С	D	E	F	G	н	ı	J	К
XPH1208	12	08	12	08	10	7.5	10	7.5	9.5	7.0	9.5	7.0	42.3	5.5	38.0



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Chemical Resistance Chart

	Astm	ı No.1	Diesel oil	Methyl Bromide	Sulphur Dioxide (Gas)
	Astm	No.2	Diethylamine	MEK	Sulphuric Acid (10%)
Key:	Astm	No.3	Ethanol	Nitric Acid (10%)	Sulphuric Acid (70%)
	Aceti	c Acid (10%)	Ether	Nitric Acid (70%)	Toluene
Suitable :	Acet	one	Ethylamine	Oxalic Acid	Transformer Oil
	Alum	inium Chloride	Ethylene Glycol	Ozone (Gas)	1,1,1-Trichloroethane
Limited Suitability:	Anilir	ne	Ethyl Ethanoate	Paraffin oil	Trichloroethylene
·	Benz	aldehyde	Freon 32	Petrol	Turpentine
Unsuitable :	Benz	ene	Hydrochloric Acid (10%)	Phenol	Urea
	Carbo	on tetrachloride	Hydrochloric Acid (36%)	Sea Water	Uric Acid
Not Tested :	Chlor	ine water	Hydrogen Peroxide (35%)	Silver Nitrate	Vegetable Oil
	Chlor	oform	Hydrogen Peroxide (87%)	Skydrol	Vinyl Acetate
	Citric	Acid	Lactic Acid	Sodium Chloride	Water
	Copp	er Sulphate	Lubricating oil	Sodium Hydroxide (10%)	White Spirit
	Cres	ol	Methanol	Sodium Hydroxide (60%)	Zinc Chloride

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 dependent 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.

