

# TempGuard hinged fittings

## Type TPH - External hinged T-piece



Type TPH  
External High Temperature  
Hinged T-piece

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One-piece symmetrical 3 junction fittings allow a variety of conduit size variations. These fittings are designed to snap together over all types of slit and unslit Harnessflex conduit, maintaining maximum conduit bore.

Part No.	Conduit Size (NC)			Conduit Size (NW)			Nominal Dimensions					
	A	B	C	A	B	C	D	E	F	G	H	I
TPH080808	08	08	08	7.5	7.5	7.5	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH081208	08	12	08	7.5	10	7.5	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH120808	12	08	08	10	7.5	7.5	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH120812	12	08	12	10	7.5	10	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH121208	12	12	08	10	10	7.5	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH121212	12	12	12	10	10	10	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH121612	12	16	12	10	13	10	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH160812	16	08	12	13	7.5	10	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH160816	16	08	16	13	7.5	13	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH161212	16	12	12	13	10	10	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH161216	16	12	16	13	10	13	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH161608	16	16	08	13	13	7.5	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH161612	16	16	12	13	13	10	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH161616	16	16	16	13	13	13	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH162012	16	20	12	13	17	10	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH162016	16	20	16	13	17	13	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH200816	20	08	16	17	7.5	13	56.5mm	41.0mm	26mm	12mm	10mm	10mm
TPH200820	20	08	20	17	7.5	17	56.5mm	41.0mm	26mm	12mm	10mm	12mm
TPH201216	20	12	16	17	10	13	56.5mm	41.0mm	26mm	12mm	10mm	10mm
TPH201220	20	12	20	17	10	17	56.5mm	41.0mm	26mm	12mm	10mm	12mm
TPH201616	20	16	16	17	13	13	56.5mm	41.0mm	26mm	12mm	10mm	10mm
TPH201620	20	16	20	17	13	17	56.5mm	41.0mm	26mm	12mm	10mm	12mm
TPH202012	20	20	12	17	17	10	56.5mm	41.0mm	26mm	12mm	12mm	10mm
TPH202016	20	20	16	17	17	13	56.5mm	41.0mm	26mm	12mm	12mm	10mm
TPH202020	20	20	20	17	17	17	56.5mm	41.0mm	26mm	12mm	12mm	12mm



#### 1 One-piece external design

Unrestricted bore and quick assembly requiring no tools.

#### 2 High pull-off strength

Conduit corrugations sit tightly into joiner junctions.

#### 3 Conduit size labels

Each junction indicates nominal conduit size to aid installation.



#### Approvals

CE Mark to the Low Voltage Directive

RoHS Compliant to 2011/65/EU

Conforms with End of Life Vehicle

directive (ELV) EU200/53/EC

Part No.	Conduit Size (NC)			Conduit Size (NW)			Nominal Dimensions					
	A	B	C	A	B	C	D	E	F	G	H	I
TPH081612*	08	16	12	7.5	13	10	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH100808*	10	08	08	8.5	7.5	7.5	45.2mm	31.7mm	17mm	10mm	10mm	10mm
TPH101010*	10	10	10	8.5	8.5	8.5	45.2mm	31.7mm	17mm	10mm	10mm	10mm
TPH101012*	10	10	12	8.5	8.5	13	45.2mm	31.7mm	17mm	10mm	10mm	10mm
TPH121010*	12	10	10	10	8.5	8.5	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH121012*	12	10	12	10	8.5	10	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH121210*	12	12	10	10	10	7.5	45.2mm	31.1mm	17mm	10mm	10mm	10mm
TPH160808*	16	08	08	13	7.5	7.5	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH161012*	16	10	12	13	8.5	10	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPH161016*	16	10	16	13	8.5	13	49.1mm	34.8mm	21mm	10mm	10mm	10mm
TPS201016*	20	10	16	17	8.5	13	56.5mm	41.0mm	26mm	12mm	10mm	10mm
TPS201020*	20	10	20	17	8.5	17	56.5mm	41.0mm	26mm	12mm	10mm	12mm
TPS201612*	20	16	12	17	13	10	56.5mm	41.0mm	26mm	12mm	10mm	10mm

\*Made to order - Part numbers listed are available to order but not stocked items, and would therefore be subject to manufacturing leadtime

IP Rating	Appropriate Conduit	Fire Performance	Temperature Range
For use with:	All conduits in the Harnessflex range	Self Extinguishing	-40°C to +200°C
IP40	Yes	Low Smoke Toxicity	
IP67	N/A	Halogen Free	UV Resistance
IP68	N/A	UL94 V2 / UL94 RTI 150 (Elec)	High

#### Dimensions

