



Connect and Protect

TransTechnical Solutions

Technical Data Sheet

Metallic Systems

TSP Fitting Type E

Conforms to	BSI Kitemark KM-35161 Low voltage directive Inherent Low Fire Hazard		
Approvals and Standards			
Degree of mechanical protection	High		
Degree of protection	IP54 - with all liquid resistant conduit in the series		
UV protection	Very High		
Fitting characteristics	Conduit Terminator		
Application	Cable protection at conduit entry/exit point		
Normal operating temperature range	Application	Min Temp	Max Temp
	Static	- 50°C	+300°C
	Dynamic	- 45°C	+250°C
For use with - Conduit Series	Type TSP & TSN AND TLFH-SP		
Fire performance	Test Standard		Performance Rating
	EN45545		ILFH
	NFF16-101		ILFH
	LUL-1085		ILFH
	BS6855		ILFH
	DIN 5510-2		ILFH
Testing data	See page 3		
Type of material	Nickel Plated Brass		

Image



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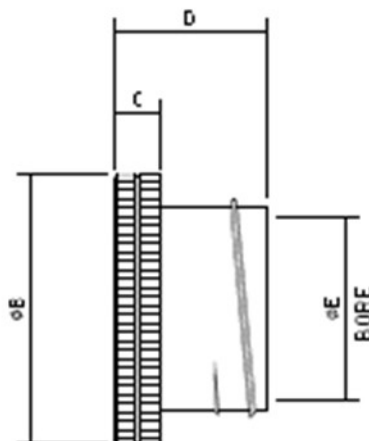
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Dimensional Data

Part No	To Suit Conduit	Nominal Dimensions (mm)			
		B	C	D	E
TSP12/E	TSP12	16	3.3	16.3	8.6
TSP16/E	TSP16	19.8	5	17.5	11.5
TSP20/E	TSP20	23.5	6	20.5	15.3
TSP25/E	TSP25	29.8	7.8	26	19
TSP32/E	TSP32	36.5	9	27.5	26.4



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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%)		

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