

Metallic Systems

SPL Fitting Type E



Technical Characteristics

Conforms to BSI Kitemark KM-35161
CE mark to the Low Voltage Directive
Inherent Low Fire Hazard

Approvals and Standards



Degree of mechanical protection

High

Degree of protection

IP54 - with all [Adaptasteel](#) liquid tight 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	- 65°C	+300°C
Dynamic	- 45°C	+250°C

For use with - Conduit series

Type [SPL](#), [SPL-EF](#), [SPLHC](#) & [SPUL](#)

Fire performance

Test Standard

Performance Rating

Not Rated

Inherent Low Fire Hazard



Testing data

Click or see page [3](#)

Type of material

Nickel Plated Brass

Image



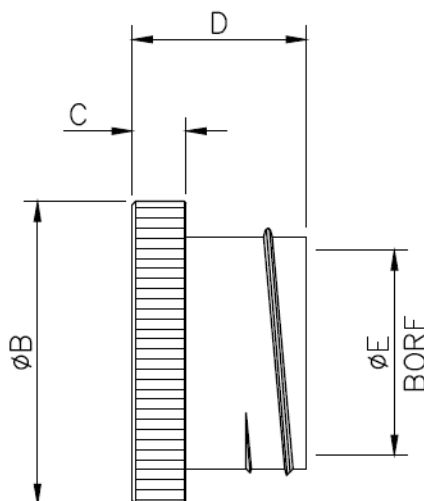
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Dimensional Data

Part No	Nominal Dimensions (mm)				To suit conduit
	B	C	D	E	
SPL10/E	13.75	3.0	15.8	5.7	10mm
SPL12/E	16.15	3.25	16.3	8.6	12mm
SPL16/E	19.9	5.0	17.5	10.4	16mm
SPL20/E	23.0	4.4	17.0	14.5	20mm
SPL25/E	28.6	6.0	22.5	18.3	25mm
SPL32/E	35.5	7.0	25.5	24.1	32mm
SPL40/E	45.0	8.0	26.0	32.7	40mm
SPL50/E	51.4	8.0	30.0	37.7	50mm
SPL63/E	62.8	12.0	36.0	49.0	63mm



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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.