

# Metallic Systems

## SPL Fitting Type E



### Technical Characteristics

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 [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](#), [SPLHC](#) & [SPUL](#)

Fire performance

**Test Standard**

**Performance Rating**

EN45545	ILFH
NFF16-101	ILFH
LUL-1085	ILFH
BS6855	ILFH
DIN 5510-2	ILFH



Testing data

Click or see page [3](#)

Type of material

Nickel Plated Brass

Image



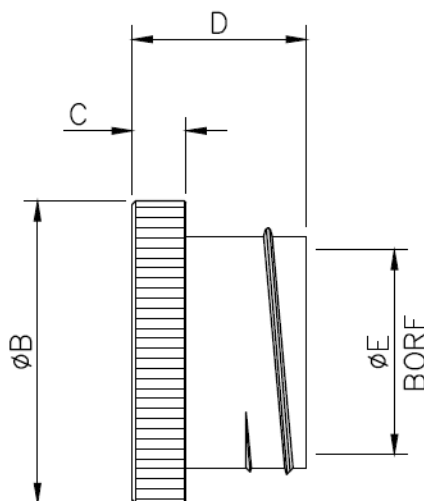
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### Dimensional Data

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



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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.