

Metallic Systems

Accessories - PCLIP - Conduit Support



Technical Characteristics

Conforms to	N/A		
Approvals and Standards			
Degree of mechanical protection	Very High		
Degree of protection	N/A		
UV protection	Very High		
Fitting characteristics	Conduit Support		
Application	For supporting metallic conduits from walls or ceilings		
Normal operating temperature range	Application	Min Temp	Max Temp
	Static	- 25°C	+105°C
	Dynamic	- 5°C	+105°C
For use with - Fittings	All Metallic conduits in the Adaptaflex range		
Fire performance	Test Standard	Performance Rating	
	Not Rated	Not Rated	
Testing data	N/A		
Type of material	Galvanised Steel - PVC Cushion Stainless Steel AISI 316 - PVC Cushion		

Image



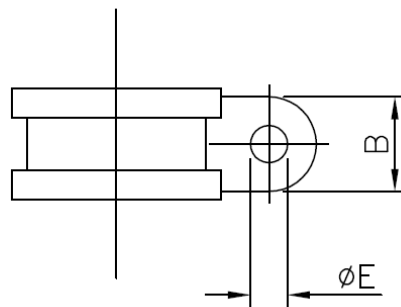
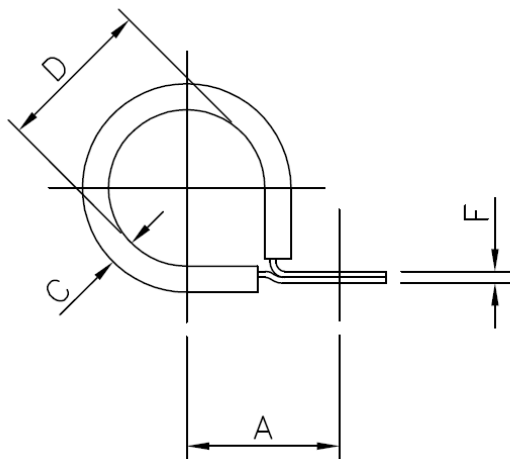
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Dimensional Data

Part No Galvanised Steel	Part No Stainless Steel	Nominal Dimensions (mm)					
		A	B	C	D	∅E	F
PCLIP/10	-	13.5	12.7	3.5	9.5	5.2	1.4
PCLIP/12	-	15.3	12.7	3.5	14.0	5.2	1.4
PCLIP/16	PCLIP/16SS	17.3	12.7	3.5	17.0	5.2	1.4
PCLIP/20	PCLIP/20SS	19.3	12.7	3.5	21.0	5.2	1.4
PCLIP/25	PCLIP/25SS	21.5	12.7	3.5	25.5	5.2	1.4
PCLIP/32	PCLIP/32SS	25.8	12.7	3.5	34.0	10.2	1.4
PCLIP/40	-	37.3	19.1	4.5	44.5	10.2	2.4
PCLIP/50	-	43.5	25.4	4.5	57.2	14.2	2.4
PCLIP/63	-	46.8	25.4	4.5	63.5	14.2	2.4
PCLIP/75	-	55.0	25.4	4.5	76.2	14.2	2.4



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Chemical Resistance Chart

Galvanised Steel Chemical Resistance

● 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%)	

Key:

- Suitable : ●
- Limited Suitability : ●
- Unsuitable : ●
- Not Tested : ●

Stainless Steel Chemical Resistance

● 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.