Non-Metallic Systems

Accessories - Type Y - Hinged Y Piece

Technical Characteristics

Conforms to	Low voltage directive
Approvals and Standards	CE
Degree of mechanical protection	Medium Impact Resistance
Degree of protection	IP40 - As standard
UV protection	Very High
Fitting Characteristics	Hinged snap fit 'Y' fitting Black (BL) Only
Application	Hinged 'Y' piece for connecting 3 conduits of the same or different sizes

Normal operating temperature range

Application	Min Temp	Max Temp
Static	**- 40°C**	**+120°C**
Dynamic	**- 5°C**	**+120 °C**

For use with - Conduit Series	Light, Standard and Heavyweight variants of type PA, PI, CP, PR, & PF

Fire performance

Test Standard	**Performance Rating**
Not Rated	Not Rated

Self Extinguishing
Low Smoke & Halogen Free

Testing data	Click or See page 5
Type of material	Polyamide (Nylon) 66

Image

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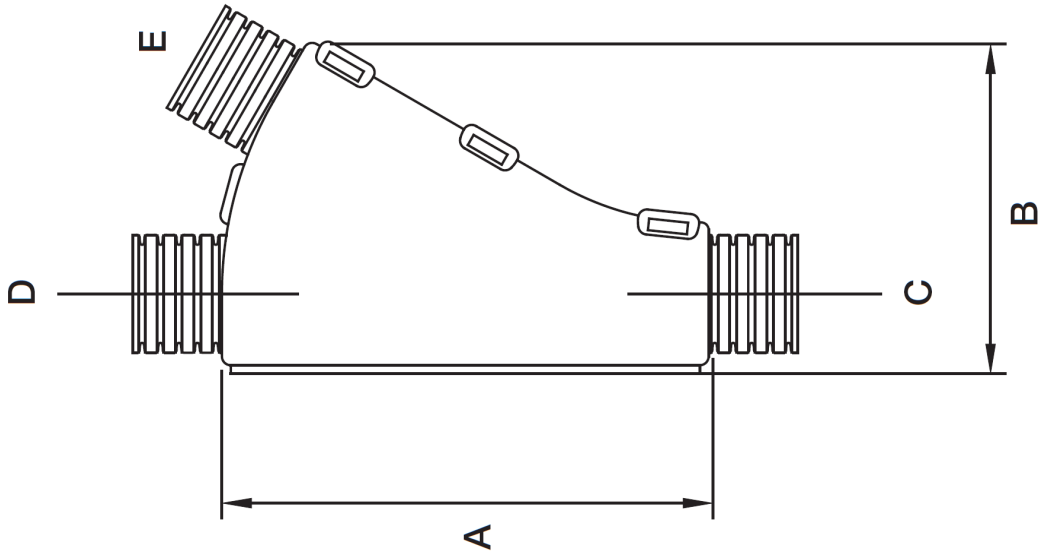
Dimensional

	Part No Black Body	Nominal Dimensions (mm)		Nominal Conduit Size (mm)			Weight in grams (Each)
		A	B	C	D	E	
10Y							
	Y101010/BL	54.6	37.1	10.0	10.0	10.0	6.5
	Y101013/BL	54.6	37.1	10.0	10.0	13.0	6.7
	Y101210/BL	54.6	37.1	10.0	12.0	10.0	
13Y						10.0	
	Y131010/BL	54.6	37.1	13.0	10.0	11.0	6.5
	Y131011/BL	54.6	37.1	13.0	10.0	10.0	6.1
	Y131310/BL	54.6	37.1	13.0	13.0	13.0	6.0
	Y131313/BL	54.6	37.1	13.0	13.0	13.0	6.0
16Y							
	Y161013/BL	54.9	39.8	16.0	10.0	13.0	7.0
	Y161310/BL	54.9	39.8	16.0	13.0	10.0	7.0
	Y161313/BL	54.9	39.8	16.0	13.0	13.0	7.0
	Y161610/BL	54.9	39.8	16.0	16.0	10.0	6.5
	Y161613/BL	54.9	39.8	16.0	16.0	13.0	6.5



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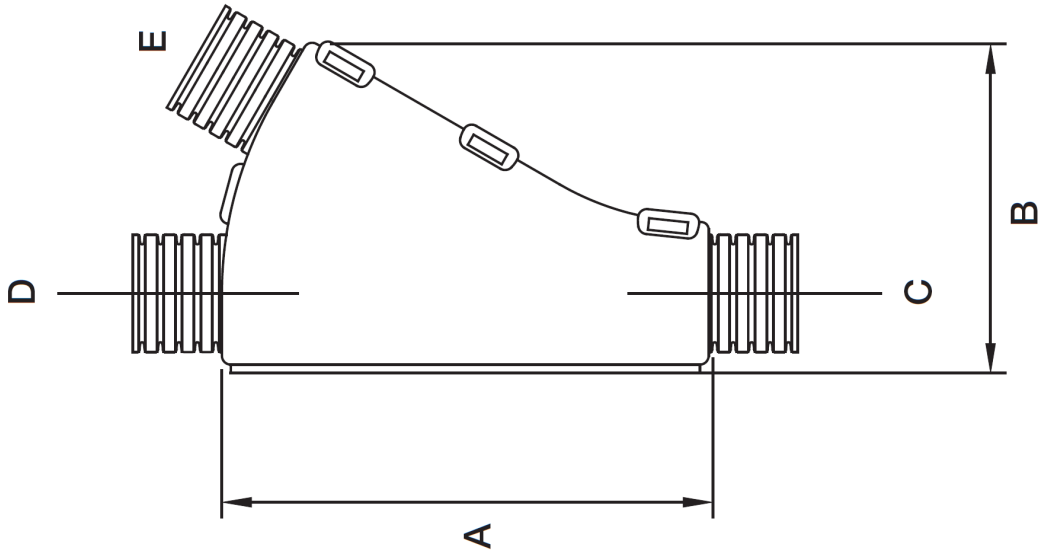
		A	B	C	D	E	
21Y							
	Y211010/BL	42.8	41.0	21.0	10.0	10.0	5.5
	Y211310/BL	42.8	41.0	21.0	13.0	10.0	5.5
	Y211313/BL	42.8	41.0	21.0	13.0	13.0	5.5
	Y211610/BL	48.2	39.8	21.0	16.0	10.0	6.5
	Y211613/BL	48.2	39.6	21.0	16.0	13.0	6.5
	Y211616/BL	63.6	47.5	21.0	16.0	16.0	9.5
	Y212110/BL	57.9	44.9	21.0	21.0	10.0	8.5
	Y212113/BL	57.9	44.9	21.0	21.0	13.0	8.5
	Y212116/BL	63.6	47.5	21.0	21.0	16.0	9.5
28Y							
	Y282113/BL	54.0	48.8	28.0	21.0	13.0	11.2
	Y282116/BL	54.0	48.8	28.0	21.0	16.0	11.0
	Y282121/BL	76.5	60.0	28.0	21.0	21.0	17.5
	Y282810/BL	67.3	55.9	28.0	28.0	10.0	13.8



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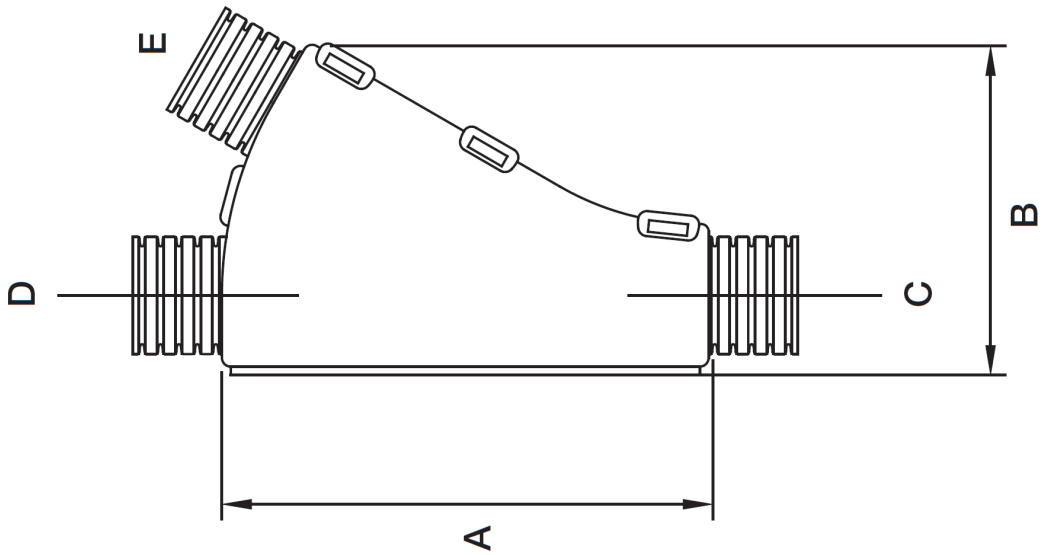
Dimensional

	Part No Black Body	Nominal Dimensions (mm)		Nominal Conduit Size (mm)			Weight in grams (Each)
		A	B	C	D	E	
28Y							
	Y282813/BL	67.3	55.9	28.0	28.0	13.0	13.9
	Y282816/BL	67.3	55.9	28.0	28.0	16.0	13.8
	Y282821/BL	76.5	60.0	28.0	28.0	21.0	16.7
	Y282828/BL	90.7	67.0	28.0	28.0	28.0	19.8
34Y							
	Y343416/BL	100.6	75.0	34.0	34.0	16.0	30.4
	Y343421/BL	100.6	76.0	34.0	34.0	21.0	31.2
	Y343434/BL	100.6	82.1	34.0	34.0	34.0	32.4



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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%)	

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.

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