

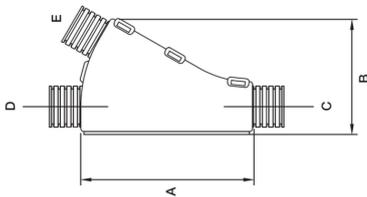
# Non-Metallic Systems Accessories - Type Y - Hinged Y Piece



Type Y - Hinged 'Y' piece, for connecting 3 conduits of the same or different sizes

### Features

- Hinged snap fit 'Y' fitting, black only
- IP40 rated
- UV protection is very high



<b>Conformity</b>
Low voltage directive

<b>Approvals</b>


<b>Fire Performance</b>	
<b>Test Standard</b>	<b>Performance Rating</b>
Not Rated	Not Rated
<b>Self Extinguishing Low Smoke &amp; Halogen Free</b>	

<b>Degree of Mechanical Protection</b>
Medium impact resistance

<b>IP Rating</b>	<b>Appropriate Fitting</b>
For use with: see below	
IP40	As Standard

<b>UV Protection</b>
Very High

<b>Temperature Range</b>
Static Application: -40°C to +120°C
Dynamic Application: -5°C to +120°C

<b>For Use With - Conduit Series</b>
Light, Standard and Heavyweight variants of type PA, PI, CP, PR & PF

<b>Type of Material</b>	<b>Finish</b>
Polyamide (Nylon) 66	Black (BL)

<b>Testing Data</b>
See last page

<b>Fitting Characteristics</b>
Hinged snap fit 'Y' fitting

# Non-Metallic Systems Accessories - Type Y - Hinged Y Piece



	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							
	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
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
	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



# Non-Metallic Systems Accessories - Type Y - Hinged Y Piece



Chemical Resistance Chart

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:

<span style="color: green;">■</span>	Suitable
<span style="color: yellow;">■</span>	Limited Suitability
<span style="color: red;">■</span>	Unsuitable
<span style="color: black;">■</span>	Not Tested

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.