



Material Specifications

Fitting:

Aluminum, ASTM B-26, 356-T6 alloy.

Nipples:

Aluminum pipe conforming to ASTM B-210, alloy 6061T6 or 6063T6, standard weight.

Product Description

Full flow aluminum fittings are designed with grooved ends for assembly with Victaulic couplings. Aluminum fittings are available in elbow, tee, cap, and concentric reducer configurations for 1 – 8”/25 – 200mm sizes. For other configurations contact Victaulic.

Job/Owner

System No.	
Location	

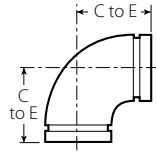
Contractor

Submitted By	
Date	

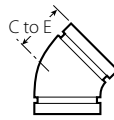
Engineer

Spec Section	
Paragraph	
Approved	
Date	

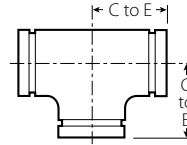
Dimensions



No. 10-A
90° Elbow



No. 11-A
45° Elbow



No. 20-A
Tee



No. 60-A
Cap

Nominal Size	Actual Outside Diameter	No. 10-A 90° Elbow		No. 11-A 45° Elbow		No. 20-A Tee		No. 60-A Cap ¹	
		C to E	Approx. Weight Each	C to E	Approx. Weight Each	C to E	Approx. Weight Each	T	Approx. Weight Each
inches mm	inches mm	inches mm	lbs. kg	inches mm	lbs. kg	inches mm	lbs. kg	inches mm	lbs. kg
1 25	1.315 33.7	2.25 57	0.2 0.1	1.75 44	0.1 0.1	2.25 57	0.4 0.2	0.88 22	0.1 0.1
1 ½ 40	1.900 48.3	2.75 70	0.4 0.2	1.75 44	0.3 0.1	2.75 70	0.7 0.3	0.88 22	0.2 0.1
2 50	2.375 60.3	3.25 83	0.7 0.3	2.00 51	0.5 0.2	3.25 83	1.0 0.5	0.88 22	0.3 0.1
2 ½ 65	2.875 73.0	3.75 95	1.0 0.5	2.25 57	0.7 0.3	3.75 95	1.5 0.7	0.88 22	0.3 0.1
3 80	3.500 88.9	4.25 108	1.6 0.7	2.50 64	1.3 0.6	4.25 108	2.3 1.0	0.88 25	0.5 0.2
4 100	4.500 114.3	5.00 127	3.0 1.4	3.00 76	1.9 0.9	5.00 127	4.1 1.9	1.00 25	1.0 0.4
5 125	5.563 141.3	5.50 140	5.2 2.4	3.25 83	3.3 1.5	5.50 140	6.7 3.0	1.00 25	2.1 1.0
6 150	6.625 168.3	6.50 165	6.5 3.0	3.50 89	5.2 2.4	6.50 165	9.1 4.1	1.00 25	3.0 1.4
8 200	8.625 219.1	7.75 197	14.0 6.4	4.25 108	8.2 3.7	7.75 197	18.4 8.4	1.25 32	6.0 2.7

¹ Cap does not extend beyond coupling when assembled.

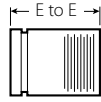
Concentric Reducers

No. 50-A

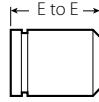


Reducer Size			E to E	Approx. Weight Each	
inches	x	mm		lbs.	kg
1 ½	x	1	2.50	0.2	
40		25	64	0.1	
2	x	1	2.50	0.2	
		25	64	0.1	
3	x	1 ½	2.50	0.3	
		40	64	0.1	
		2	2.50	0.6	
80	x	50	64	0.3	
		2 ½	2.50	0.5	
		65	64	0.2	
4	x	2	3.00	0.9	
		50	76	0.4	
		2 ½	3.00	1.1	
100	x	65	76	0.5	
		3	3.00	1.0	
		80	76	0.5	
6	x	3	4.00	2.3	
		80	102	1.0	
		4	4.00	2.3	
150	x	100	102	1.0	
		8	5.00	6.0	
		200	127	2.7	
6	x	150	5.00	6.0	
		127	127	2.7	

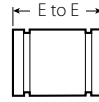
Adapter Nipples



No. 40-A
Grooved x Threaded



No. 42-A
Grooved x Beveled



No. 43-A
Grooved x Grooved

Nipple ² Size inches mm	E to E ³ inches mm	Approx. Weight Each	
		lbs.	kg
1 25	3.00 76	0.3 0.1	
1 ½ 40	4.00 102	0.4 0.2	
2 50	4.00 102	0.5 0.2	
2 ½ 65	4.00 102	0.6 0.3	
3 80	4.00 102	0.8 0.4	
4 100	6.00 152	1.5 0.7	
5 125	6.00 152	2.5 1.1	
6 150	6.00 152	3.3 1.5	
8 200	6.00 152	5.0 2.3	

2 Made of standard weight aluminum pipe.

3 Other lengths available. Contact Victaulic for details.

Installation

Reference should always be made to the [I-100 Victaulic Field Installation Handbook](#) for the product you are installing. Handbooks are included with each shipment of Victaulic products for complete installation and assembly data, and are available in PDF format on our website at www.victaulic.com.

Warranty

Refer to the Warranty section of the current Price List or contact Victaulic for details.

Note

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

Trademarks

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