

Victaulic® Shouldered Fittings



1.0 PRODUCT DESCRIPTION

- Galvanized shouldered fittings for use with shouldered Victaulic couplings
- Sizes from 2 – 8"/DN50 – DN200
- Working pressures are dictated by the coupling used
- Not intended for use with grooved or plain end couplings

2.0 CERTIFICATIONS/LISTINGS

Not applicable – contact Victaulic with any questions.

3.0 MATERIAL SPECIFICATIONS

Fitting: Ductile iron conforming to ASTM A536 Grade 65-45-12 or segmentally welded Schedule 40 carbon steel, conforming to ASTM A53 type E, F or S.

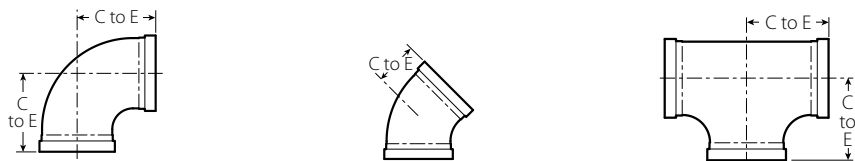
Fitting Coating: (specify choice)

- ☐ Standard: Hot dipped galvanized
- ☐ Optional: Painted and others.

ALWAYS REFER TO ANY NOTIFICATIONS AT THE END OF THIS DOCUMENT REGARDING PRODUCT INSTALLATION, MAINTENANCE OR SUPPORT.

4.0 DIMENSIONS

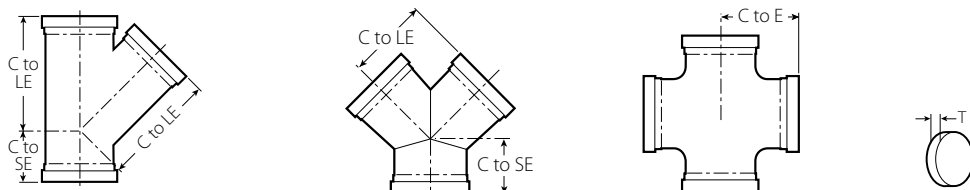
Elbows/Tee



Size		No. SC10 90° Elbow		No. SC11 45° Elbow		No. SC20 Tee	
Nominal inches DN	Actual Shoulder Diameter inches mm	C to E inches mm	Weight Approx. (Each) lb kg	C to E inches mm	Weight Approx. (Each) lb kg	C to E inches mm	Weight Approx. (Each) lb kg
2 DN50	2.618 66.5	3.25 83	1.8 0.8	2.00 51	1.4 0.6	3.25 83	2.7 1.2
3 DN80	3.819 97.0	4.25 108	4.7 2.1	2.50 64	3.3 1.5	4.25 108	7.0 3.2
4 DN100	4.803 122.0	5.00 127	7.5 3.4	3.00 76	5.4 2.4	5.00 127	10.8 4.9
165.1 mm	6.870 174.5	6.50 165	14.1 6.4	3.50 89	9.6 4.4	6.50 165	19.4 8.8
8 DN200	9.134 232.0	7.75 197	28.4 13.0	4.25 108	20.7 9.4	—	—

4.1 DIMENSIONS

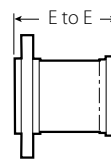
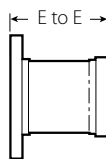
Lateral, Wye, Cross and Cap



Size		No. SC30 Lateral			No. SC33 Wye			No. SC35 Cross		No. SC60 Cap	
Nominal inches DN	Actual Shoulder Diameter inches mm	C to LE inches mm	C to SE inches mm	Weight Approx. (Each) lb kg	C to LE inches mm	C to SE inches mm	Weight Approx. (Each) lb kg	C to E inches mm	Weight Approx. (Each) lb kg	"T" Thickness inches mm	Weight Approx. (Each) lb kg
2 DN50	2.618 66.5	7.00 178	2.75 70	4.6 2.1	3.25 83	2.75 70	2.5 1.1	3.25 83	3.8 1.7	0.83 21	1.2 0.5
3 DN80	3.819 97.0	8.50 216	3.25 83	11.7 5.3	4.25 108	3.25 83	6.1 2.8	4.25 108	10.5 4.8	0.83 21	2.6 1.2
4 DN100	4.803 122.0	10.50 267	3.75 95	17.8 8.1	5.00 127	3.75 95	10.0 4.5	5.00 127	15.8 7.2	0.89 23	4.4 2.0
165.1 mm	6.870 174.5	14.00 356	4.50 114	43.6 20.0	6.50 165	4.50 114	22.3 10.0	6.50 165	28.0 12.5	0.91 23	9.3 4.2
8 DN200	9.134 232.0	18.00 457	6.00 152	72.0 32.5	7.75 197	6.00 152	36.0 16.5	7.75 197	48.0 22.0	1.11 28	19.9 9.0

4.2 DIMENSIONS

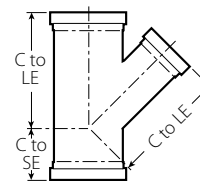
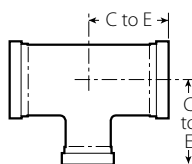
Flange Adapter Nipples



Size		No. SC45F Flat Face Flange Adapter Nipple	No. SC45R Raised Face Flange Adapter Nipple	Weight
Nominal inches DN	Actual Shoulder Diameter inches mm	E to E inches mm	E to E inches mm	Approx. (Each) lb kg
2 DN50	2.618 66.5	4.00 102	4.00 102	6.2 2.8
3 80	3.819 97.0	4.00 102	4.00 102	11.4 5.2
4 DN100	4.803 122.0	6.00 152	6.00 152	18.4 8.3
165.1 mm	6.870 174.5	6.00 152	6.00 152	27.5 12.5
8 DN200	9.134 232.0	6.00 152	6.00 152	41.3 18.8

4.3 DIMENSIONS

Reducing Tee, Concentric Reducer, Reducing Lateral









Size		No. SC25 Reducing Tee		No. SC50 Concentric Reducer		No. SC30-R Reducing Lateral		
Nominal inches DN	Actual Shoulder Diameter inches mm	C to E inches mm	Weight Approx. (Each) lb kg	E to E inches mm	Weight Approx. (Each) lb kg	C to LE inches mm	C to SE inches mm	Weight Approx. (Each) lb kg
3 DN80 x 2 DN50	3.819 x 2.618 97.0 x 66.5	4.25 108	6.2 2.8	9.50 241	5.3 2.4	8.50 216	3.25 83	9.8 4.4
4 DN100 x 2 DN50	4.803 x 2.618 122.0 x 66.5	5.00 127	11.2 5.1	10.00 254	7.6 3.5	10.50 267	3.75 95	10.0 4.5
4 DN100 x 3 DN80	4.803 x 3.819 122.0 x 97.0	5.00 127	11.6 5.3	10.00 254	8.7 4.0	10.50 267	3.75 95	18.3 8.3
165.1 mm x 3 DN80	6.870 x 3.819 174.5 x 97.0	6.50 165	24.0 10.9	11.50 292	15.3 6.9	14.00 356	4.50 114	37.0 16.8
165.1 mm x 4 DN100	6.870 x 4.803 174.5 x 122.0	6.50 165	25.0 11.3	11.50 292	16.2 7.4	14.00 356	4.50 114	36.0 16.3
8 DN200 x 4 DN100	9.134 x 4.803 232.0 x 122.0	7.75 197	41.8 19.0	12.00 305	24.0 10.9	18.00 457	6.00 152	62.0 28.1
8 DN200 x 165.1 mm	9.134 x 6.870 232.0 x 174.5	7.75 197	48.0 21.8	12.00 305	26.2 11.9	18.00 457	6.00 152	82.0 37.2

5.0 PERFORMANCE

Not applicable – contact Victaulic with any questions.

6.0 NOTIFICATIONS

! WARNING



- Read and understand all instructions before attempting to install any Victaulic products.
- Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Confirm that any equipment, branch lines, or sections of piping that may have been isolated for/during testing or due to valve closures/positioning are identified, depressurized, and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Wear safety glasses, hardhat, foot protection, and hearing protection.

Failure to follow these instructions could result in death or serious personal injury and property damage.

7.0 REFERENCE MATERIALS

[29.01: Terms and Conditions/Warranty](#)

User Responsibility for Product Selection and Suitability

Each user bears final responsibility for determining the suitability of Victaulic products for their end-use application, in accordance with industry standards, project specifications, and Victaulic’s published performance, maintenance, and safety data, as well as all warnings and installation instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company’s standard conditions of sale, warranty, installation instructions, or this disclaimer.

Installation

Always refer to and follow the [Victaulic Installation Handbook](#) or installation instructions for the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at [victaulic.com](#).

Warranty

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

Intellectual Property Rights

No statement concerning the use of any material, product, service, or design is intended, or should be construed, to grant any license under any patent or other intellectual property right of Victaulic or any of its affiliates, or as a recommendation for the use of such material, product, service, or design in the infringement of any patent or other intellectual property right. The terms “Patented” or “Patent Pending” refer to design or utility patents or patent applications for articles and/or methods of use in the United States and/or other countries. Victaulic and all other Victaulic marks are the trademarks or registered trademarks of Victaulic Company, and/or its affiliated entities, in the U.S. and/or other countries.

Note

All products bearing a Victaulic trademark are manufactured by Victaulic or to Victaulic specifications. All products are to be installed only in accordance with the applicable Victaulic installation instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.