



Style 50 Orange



Style 50 Galvanised



Style 51 Orange



Style 51 Galvanised

1.0 PRODUCT DESCRIPTION

Available Sizes

- ¾ – 24"/DN20 – DN600

Pipe Material

- Carbon steel

Maximum Working Pressure

- Pressure ratings for Victaulic standard fittings conform to the ratings of Victaulic Style 77 couplings (refer to [publication 06.04](#) for more information).

Application

- Connects pipe, provides change in direction and adapts sizes or components
- Supplied with Victaulic Original Groove System (OGS) grooves
- Exclusively for use with Victaulic couplings, valves, accessories and pipe which feature ends formed with the Victaulic OGS groove profile

NOTES

- For 14"/DN350 and larger roll grooved systems for carbon steel pipe, Victaulic offers fittings for the Advanced Groove System (AGS). Refer to [publication 20.05](#) for more information.
- These fittings are not intended for use with Victaulic plain end couplings. Intended for use only in grooved piping systems. When connecting wafer or lug type butterfly valves directly to Victaulic fittings using Style 741 or Style 743 flange adapters, be sure to check disc clearance dimensions with I.D. dimension of fitting.

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

2.0 CERTIFICATION/LISTINGS



EN 10311
CPR (EU)
No. 305/2011

NOTES

- When supplied as “hot dip galvanized” the following fittings are UL Classified in accordance with ANSI/NSF 61 and for use on cold +86°F/+30°C potable water service and ANSI/NSF 372: No. 10 90° Elbow, No. 11 45° Elbow, No. 12 22 ½° Elbow, No. 13 11 ¼° Elbow, No. 100 90° Long Radius Elbow, No. 110 45° Long Radius Elbow, No. 20 Tee, No. 25 Tee with Grooved Branch, No. 30 45° Lateral, No. 60 Cap, No. 50 Concentric Reducers, No. 51 Eccentric Reducers.
- The following Victaulic fittings are VdS approved: No.10 90° Elbow, No.11 45° Elbow, No.20 Tee and No.60 Cap.
- The following Victaulic fittings are LPCB approved: No.10 90° Elbow, No.11 45° Elbow, No.12 22 ½° Elbow, No.13 11 ¼° Elbow, No.30 45° Lateral, No.30-R Reducing Lateral, No.100 Long Radius Elbow, No.110 Long Radius Elbow, No.20 Tee, No.35 Cross, No.60 Cap, No.25 Reducing Tee, No.33 True Wye, No.50 Concentric Reducer, No.51 Eccentric Reducer and No.29M Tee with Threaded Branch.
- The following Victaulic fittings are FM approved: No.10 90° Elbow, No.11 45° Elbow, No.12 22 ½° Elbow, No.13 11 ¼° Elbow, No.30 45° Lateral, No.100 Long Radius Elbow, No.20 Tee, No.35 Cross, No.60 Cap, No.25 Reducing Tee and No.50 Concentric Reducer.
- Download [publication 10.01](#) for Fire Protection Certifications/Listings Reference Guide to view which sizes of the fittings listed above have active fire protection approvals.

3.0 SPECIFICATIONS – MATERIAL

Fitting: (specify choice)

- ☐ Standard: Ductile iron conforming to ASTM A536, Grade 65-45-12.
- ☐ Optional: Segmentally welded carbon steel, standard wall, conforming to ASTM A53, Type E or S, Gr. B

Nipples: (specify choice)

- ☐ ¾ – 6"/DN20 – DN150: Carbon steel, Schedule 40, conforming to ASTM A53, Type E or S, Gr. B
- ☐ 8 – 12"/DN200 – DN300: Carbon steel, standard wall, conforming to ASTM A53, Type E or S, Gr. B

Flanged Adapter Nipples: (specify choice)

- ☐ Class 125 Flange: Cast iron conforming to ANSI B16.1
- ☐ Class 150 Flange: Carbon steel conforming to ANSI B16.5, raised or flat face
- ☐ Class 300 Flange: Carbon steel conforming to ANSI B16.5, raised or flat face

Fitting Coating: (specify choice)

- ☐ Standard: Orange enamel
- ☐ Optional: Hot dip galvanized and others. Some fittings supplied electroplated as standard – see product specifications

Flanged Adapter Nipple Coating: (specify choice)

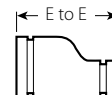
- ☐ Standard: None (Unfinished)
- ☐ Optional: Orange enamel, hot dip galvanized and others

4.15 DIMENSIONS

Concentric/Eccentric Reducer

No. 50

No. 51



Size					No. 50 Concentric Reducer		No. 51 Eccentric Reducer	
Nominal inches DN			Actual Outside Diameter inches mm		E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg
1 DN25	x	¾ DN20	1.315 33.7	x 1.050 26.9	8.00 (s) 203	+	8.00 (s) 203	+
1 ¼ DN32	x	¾ DN20	1.660 42.4	1.050 26.9	8.00 (s) 203	1.3 0.6	8.00 (s) 203	1.3 0.6
		1 DN25		1.315 33.7	2.50 64	0.6 0.3	8.00 (s) 203	1.4 0.6
1 ½ DN40	x	¾ DN20	1.900 48.3	1.050 26.9	8.50 (s) 216	1.5 0.7	8.50 (s) 216	1.5 0.7
		1 DN25		1.315 33.7	2.50 64	0.8 0.4	8.50 (s) 216	1.7 0.8
		1 ¼ DN32		1.660 42.4	2.50 64	0.9 0.4	8.50 (s) 216	1.8 0.8
		2 DN50		2.375 60.3	2.50 64	0.8 0.4	9.00 (s) 229	2.2 1.0
2 ½	x	¾ DN20	2.875 73.0	1.050 26.9	9.50 (s) 241	+	9.50 (s) 241	+
		1 DN25		1.315 33.7	2.50 64	1.4 0.6	9.50 (s) 241	3.4 1.5
		1 ¼ DN32		1 ¼ DN32	2.50 64	1.4 0.6	3.50 89	1.3 0.6
		1 ½ DN40		1.900 48.3	2.50 64	1.4 0.6	9.50 (s) 241	3.8 1.7
		2 DN50		2.375 60.3	2.50 64	1.5 0.7	3.50 89	1.6 0.7
DN65	x	1 DN25	3.000 76.1	1.315 33.7	2.50 64	+	9.50 (s) 241	+
		1 ¼ DN32		1.660 42.4	2.50 64	+	9.50 (s) 241	+
		1 ½ DN40		1.900 48.3	2.50 64	+	9.50 (s) 241	+
		2 DN50		2.375 60.3	2.50 64	+	9.50 (s) 241	+
		2 ½		2.875 73.0	2.50 64	+	9.50 (s) 241	+

¹ For 14"/DN350 and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.

(s) = Carbon Steel

NA = Not Available

"+" = Contact Victaulic for details

NOTES

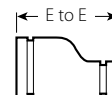
- All fittings are ductile iron unless otherwise noted with an (s).
- Available with make threaded small end No. 52
- Steel eccentric reducers available through 30"/DN750, contact Victaulic for dimensions.

4.15 DIMENSIONS (CONTINUED)

Concentric/Eccentric Reducer

No. 50

No. 51



Size			No. 50 Concentric Reducer		No. 51 Eccentric Reducer	
Nominal inches DN		Actual Outside Diameter inches mm	E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg
3 DN80	x	3/4 DN20	3.500 88.9	1.050 26.9	9.50 (s) 241	+
		1 DN25		1.315 33.7	2.50 64	1.8 0.8
		1 1/4 DN32		1.660 42.4	2.50 64	1.4 0.6
		1 1/2 DN40		1.900 48.3	2.50 64	2.0 0.9
		2 DN50		2.375 60.3	2.50 64	1.6 0.7
		2 1/2		2.875 73.0	2.50 64	1.7 0.7
				3.000 76.1	2.50 64	2.1 1.0
						9.50 (s) 241
						5.4 2.4
3 1/2 DN90	x	3 DN80	4.000 101.6	3.500 88.9	2.50 64	2.1 1.0
						10.00 (s) 254
						7.0 3.2
			4.250 108.0	2.875 73.0	3.50 89	+
				3.000 76.1	3.50 89	+
				3.500 88.9	3.50 89	+
						NA NA
4 DN100	x	1 DN25	4.500 114.3	1.315 33.7	3.00 76	3.0 1.4
		1 1/4 DN32		1.660 42.4	10.00 (s) 254	+
		1 1/2 DN40		1.900 48.3	3.00 76	2.6 1.2
		2 DN50		2.375 60.3	3.00 76	3.4 1.5
				3.000 76.1	3.00 76	3.3 1.5
		DN65		3.000 76.1	3.00 76	3.3 1.5
		2 1/2		2.875 73.0	3.00 76	3.3 1.5
				3.500 88.9	3.00 76	3.2 1.5
		3 DN80		4.000 101.6	3.00 76	3.0 1.4
		3 1/2 DN90				10.00 (s) 254
						8.1 3.7
			5.250 133.0	4.250 108.0	4.50 114	+
						NA NA

¹ For 14"/DN350 and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.

(s) = Carbon Steel

NA = Not Available

"+" = Contact Victaulic for details

NOTES

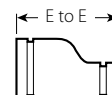
- All fittings are ductile iron unless otherwise noted with an (s).
- Available with make threaded small end No. 52
- Steel eccentric reducers available through 30"/DN750, contact Victaulic for dimensions.

4.15 DIMENSIONS

Concentric/Eccentric Reducer

No. 50

No. 51



Size		No. 50 Concentric Reducer		No. 51 Eccentric Reducer	
Nominal inches DN	Actual Outside Diameter inches mm	E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg
DN125 x 2 DN50	5.500 x 2.375 139.7 60.3	11.00 (s) 279		11.00 (s) 279	
		4.50 114	4.1 1.9	11.00 (s) 279	10.7 4.9
		4.50 114	5.7 2.6	11.00 (s) 279	+
		4.50 114	5.1 2.3	5.00 127	+
5 x 2 DN50	5.563 x 2.375 141.3 60.3	11.00 (s) 279	10.1 4.6	11.00 (s) 279	10.1 4.6
		4.00 102	4.3 2.0	11.00 279	10.8 4.9
		4.00 102	5.7 2.6	11.00 (s) 279	11.1 5.0
		4.00 102	+	11.00 (s) 279	+
		3.50 89	4.3 2.0	5.00 127	5.5 2.5
	6.250 x 3.500 159.0 88.9	4.50 114	+	NA	NA
		4.00 102	+	NA	NA
		4.00 102	+	NA	NA
		4.00 102	+	NA	NA
	6.500 x 2.375 165.1 60.3	4.00 102	6.1 2.8	11.50 (s) 292	NA
		4.00 102	5.9 2.7	10.50 (s) 292	18.1 8.2
		4.00 102	6.2 2.8	5.50 140	6.1 2.8
		4.00 102	6.2 2.8	5.50 140	6.8 3.1
		4.00 102	5.6 2.5	5.50 140	8.0 3.6
		4.00 102	6.4 2.9	5.50 140	7.5 3.4
		4.00 102	6.6 3.0	NA	NA

¹ For 14"/DN350 and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.

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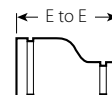
- All fittings are ductile iron unless otherwise noted with an (s).
- Available with make threaded small end No. 52
- Steel eccentric reducers available through 30"/DN750, contact Victaulic for dimensions.

4.15 DIMENSIONS

Concentric/Eccentric Reducer

No. 50

No. 51



Size					No. 50 Concentric Reducer		No. 51 Eccentric Reducer						
Nominal inches DN			Actual Outside Diameter inches mm		E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg					
6 DN150	x	1 DN25	6.625 168.3	x	1.315 33.7	4.00 102	6.2 2.8	11.50 (s) 292	+				
		1 ½ DN40			1.900 48.3	11.50 (s) 292	+	11.50 (s) 292	+				
		2 DN50			2.375 60.3	4.00 102	6.6 3.0	11.50 (s) 292	14.2 6.4				
		2 ½			2.875 73.0	4.00 102	6.4 2.9	11.50 (s) 292	14.2 6.4				
		DN65			3.000 76.1	11.50 (s) 292	+	11.50 (s) 292	+				
		3 DN80			3.500 88.9	4.00 102	6.4 2.9	5.50 140	7.4 3.4				
		4 DN100			4.500 114.3	4.00 102	5.8 2.6	5.50 140	7.8 3.5				
		DN125			5.500 139.7	4.00 102	6.4 2.9	5.50 140	8.1 3.7				
		5			5.563 141.3	4.00 102	6.4 2.9	5.50 140	8.1 3.7				
					6.500 165.1	4.00 102	7.2 3.3	11.50 (s) 292	+				
					8.515 216.3	x	3.500 88.9	5.00 127	+	NA	NA		
							4.500 114.3	5.00 127	+	NA	NA		
							5.500 139.7	4.50 114	+	NA	NA		
		200A			x	165A	216.3	x	6.500 165.1	5.00 127	9.5 4.3	NA	NA

¹ For 14"/DN350 and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.

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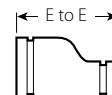
- All fittings are ductile iron unless otherwise noted with an (s).
- Available with make threaded small end No. 52
- Steel eccentric reducers available through 30"/DN750, contact Victaulic for dimensions.

4.15 DIMENSIONS

Concentric/Eccentric Reducer

No. 50

No. 51



Size				No. 50 Concentric Reducer		No. 51 Eccentric Reducer	
Nominal inches DN		Actual Outside Diameter inches mm		E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg
8 DN200	x 2 1/2	8.625 219.1	x 2.875 73.0	12.00 (s) 305	+	12.00 (s) 305	+
				12.00 (s) 305	+	12.00 (s) 305	+
	x 3 DN80		x 3.500 88.9	5.00 127	9.3 4.2	12.00 (s) 305	22.0 10.0
				4.250 108.0	5.00 127	NA	NA
	x 4 DN100		x 4.500 114.3	5.00 127	10.4 4.7	6.00 152	10.5 4.8
				5.500 139.7	5.00 127	12.00 (s) 305	24.5 11.1
	x DN125 5		x 5.563 141.3	5.00 127	11.6 5.3	12.00 (s) 305	23.8 10.8
				6.250 159.0	4.50 114	NA	NA
	x 6 DN150		x 6.500 165.1	4.50 114	12.6 5.7	6.00 152	12.8 5.8
				6.625 168.3	5.00 127	6.00 152	13.2 6.0
10 DN250	x 4 DN100	10.750 273.0	x 4.500 114.3	6.25 159	20.1 9.1	13.00 (s) 330	33.8 15.3
				5.500 139.7	13.00 (s) 330	13.00 (s) 330	35.7 16.2
	x DN125 5		x 5.563 141.3	13.00 (s) 330	35.8 16.2	13.00 (s) 330	35.8 16.2
				6.500 165.1	6.00 152	13.00 (s) 330	+
	x 6 DN150		x 6.625 168.3	6.00 152	22.0 10.0	13.00 (s) 330	36.9 16.7
				8.625 219.1	6.00 152	7.00 178	37.0 16.8
	x 8 DN200		x 8.625 219.1	6.00 152	23.0 10.4	7.00 178	37.0 16.8
				6.00 152	23.0 10.4	NA	NA
250A	x 200A	267.4	x 216.3	6.00 152	23.0 10.4	NA	NA
12 DN300	x 4 DN100	12.750 323.9	x 4.500 114.3	14.00 (s) 356	48.0 21.8	14.00 (s) 356	48.0 21.8
				6.500 165.1	14.00 (s) 356	14.00 (s) 356	+
	x 6 DN150		x 6.625 168.3	7.00 178	25.0 11.3	14.00 (s) 356	50.2 22.8
				8.625 219.1	7.00 178	14.00 (s) 356	53.5 24.3
	x 8 DN200		x 8.625 219.1	7.00 178	38.0 17.2	14.00 (s) 356	53.5 24.3
				10.750 273.0	7.00 178	14.00 (s) 356	56.5 25.6
	x 10 DN200		x 10.750 273.0	7.00 178	38.0 17.2	14.00 (s) 356	56.5 25.6

¹ For 14"/DN350 and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.

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NOTES

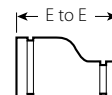
- All fittings are ductile iron unless otherwise noted with an (s).
- Available with make threaded small end No. 52
- Steel eccentric reducers available through 30"/DN750, contact Victaulic for dimensions.

4.15 DIMENSIONS

Concentric/Eccentric Reducer

No. 50

No. 51



Size					No. 50 Concentric Reducer		No. 51 Eccentric Reducer		
Nominal inches DN			Actual Outside Diameter inches mm		E to E inches mm	Approx. Weight (Each) lb kg	E to E inches mm	Approx. Weight (Each) lb kg	
300A	x	250A	318.5	x	216.3	7.00 178	38.0 17.2	NA	NA
14 ¹ DN350	x	6 DN150	14.000 355.6	x	6.625 168.3	13.00 330	63.1 28.6	13.00 330	77.2 35.0
		8 DN200	8.625 219.1		13.00 330	72.7 33.0	13.00 330	81.6 37.0	
			10.528 267.4		13.00 330	80.5 36.5	13.00 330	88.2 40.0	
		10 DN200	10.750 273.0		13.00 330	80.5 36.5	13.00 330	88.2 40.0	
			12.539 318.5		13.00 330	81.6 37.0	13.00 330	90.4 41.0	
		12 DN300	12.750 323.9		13.00 330	81.6 37.0	13.00 330	90.4 41.0	
16 ¹ DN400	x	8 DN200	16.000 406.4	x	8.625 219.1	14.00 356	80.5 36.5	14.00 356	99.2 45.0
		250A	267.4		14.00 356	93.0 42.2	NA	NA	
		10 DN200	10.750 273.0		14.00 356	93.0 42.2	14.00 356	99.2 45.0	
			12.539 318.5		14.00 356	100.3 45.5	14.00 356	103.6 47.0	
		12 DN300	12.750 323.9		14.00 356	100.3 45.5	14.00 356	103.6 47.0	
		14 DN350	14.000 355.6		14.00 356	100.3 45.5	14.00 356	108.0 49.0	
18 ¹ DN450	x	10 DN200	18.000 457.2	x	10.750 273.0	15.00 381	112.4 51.0	15.00 381	125.7 57.0
		12 DN300	12.750 323.9		15.00 381	122.4 55.5	15.00 381	134.5 61.0	
		14 DN350	14.000 355.6		15.00 381	122.4 55.5	15.00 381	136.7 62.0	
		16 DN400	16.000 406.4		15.00 381	126.8 57.5	15.00 381	143.3 65.0	

¹ For 14"/DN350 and larger roll grooved systems, Victaulic offers the Advanced Groove System (AGS). For pricing and availability of cut groove fittings in this size, contact your nearest Victaulic sales representative.

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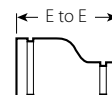
- All fittings are ductile iron unless otherwise noted with an (s).
- Available with make threaded small end No. 52
- Steel eccentric reducers available through 30"/DN750, contact Victaulic for dimensions.

4.15 DIMENSIONS

Concentric/Eccentric Reducer

No. 50

No. 51



Size		No. 50 Concentric Reducer		No. 51 Eccentric Reducer	
Nominal inches DN		Actual Outside Diameter inches mm		E to E inches mm	Approx. Weight (Each) lb kg
20 ¹ DN500	x	10 DN200	20.000 508.0	20.00 508	160.0 72.6
		300A	318.5	20.00 508	162.3 73.6
		12 DN300	12.750 323.9	20.00 508	162.3 73.6
		14 DN350	14.000 355.6	20.00 508	177.5 80.5
		16 DN400	16.000 406.4	20.00 508	176.4 80.0
		18 DN450	18.000 457.2	20.00 508	205.0 93.0
24 ¹ DN600	x	10 DN200	24.000 609.6	20.00 508	222.7 101.0
		12 DN300	12.750 323.9	20.00 508	209.4 95.0
		14 DN350	14.000 355.6	20.00 508	213.8 97.0
		16 DN400	16.000 406.4	20.00 508	215.8 97.9
		18 DN450	18.000 457.2	20.00 508	229.3 104.0
		20 DN500	20.000 508.0	20.00 508	+ 275.6
14 – 60 DN350 – DN1500		For AGS fitting information, see publication 20.05 AGS™			

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(s) = Carbon Steel

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NOTES

- All fittings are ductile iron unless otherwise noted with an (s).
- Available with make threaded small end No. 52
- Steel eccentric reducers available through 30"/DN750, contact Victaulic for dimensions.

5.0 PERFORMANCE

Flow Data

(Frictional Resistance)

The chart expresses the frictional resistance of various Victaulic fittings as equivalent feet of straight pipe. Fittings not listed can be estimated from the data given, for example, a 22½° elbow is approximately one-half the resistance of a 45° elbow. Values of mid-sizes can be interpolated.

Size		90° Elbows		45° Elbows		Tees	
Nominal inches DN	Actual Outside Diameter inches mm	No. 10 Std. Radius feet meters	No. 100 1 ½ D Long Radius feet meters	No. 11 Std. Radius feet meters	No. 110 1 ½ D Long Radius feet meters	Branch feet meters	Run feet meters
¾ DN20	1.050 26.9	1.4 0.4	—	0.7 0.2	—	3.3 1.0	1.4 0.4
1 DN25	1.315 33.7	1.7 0.5	—	0.8 0.2	—	4.2 1.3	1.7 0.5
1 ¼ DN32	1.660 42.4	3.8 1.1	—	4.5 1.4	—	6.1 1.9	1.5 0.5
1 ½ DN40	1.900 48.3	5.5 1.7	—	3.7 1.1	—	6.1 1.9	1.2 0.4
2 DN50	2.375 60.3	3.6 1.1	2.5 0.8	1.8 0.5	1.1 0.3	8.5 2.6	3.6 1.1
DN65	3.000 76.1	4.3 1.3	—	2.3 0.7	—	10.8 3.3	4.3 1.3
3 DN80	3.500 88.9	5.0 1.5	3.8 1.2	2.6 0.8	1.6 0.5	13.0 4.0	5.0 1.5
	4.250 108.0	6.4 2.0	—	3.2 1.0	—	15.3 4.7	6.4 2.0
4 DN100	4.500 114.3	6.8 2.1	5.0 1.5	3.4 1.0	2.1 0.6	16.0 4.9	6.8 2.1
	5.250 133.0	8.1 2.5	—	4.1 1.3	—	20.0 6.1	8.1 2.5
DN125	5.500 139.7	8.5 2.6	—	4.2 1.3	—	21.0 6.4	8.5 2.6
5	5.563 141.3	8.5 2.6	—	4.2 1.3	—	21.0 6.4	8.5 2.6
	6.250 159.0	9.4 2.9	—	4.9 1.5	—	25.0 7.6	9.6 2.9
	6.500 165.1	9.6 2.9	—	5.0 1.5	—	25.0 7.6	10.0 3.0
6 DN150	6.625 168.3	10.0 3.0	7.5 2.3	5.0 1.5	3.0 0.9	25.0 7.6	10.0 3.0
8 DN200	8.625 219.1	13.1 4.0	9.8 3.0	6.5 2.0	4.0 1.2	33.1 10.1	13.1 4.0
10 DN250	10.750 273.0	17.0 5.2	12.0 3.7	8.3 2.5	5.0 1.5	41.0 12.5	17.0 5.2
12 DN300	12.750 323.9	20.0 6.1	14.5 4.4	10.0 3.0	6.0 1.8	50.0 15.2	20.0 6.1
14 DN350	14.000 355.6	24.5 ¹ 7.5	15.8 4.8	18.5 ¹ 5.6	11.0 3.4	70.0 21.3	23.0 7.0
16 DN400	16.000 406.4	28.0 ¹ 8.5	18.0 5.5	21.0 ¹ 6.4	13.0 4.0	80.0 24.4	27.0 8.2
18 DN450	18.000 457.2	31.0 ¹ 9.4	20.0 6.1	23.5 ¹ 7.2	14.0 4.3	90.0 27.4	30.0 9.1
20 DN500	20.000 508.0	34.0 ¹ 10.4	22.5 6.9	25.5 ¹ 7.8	16.0 4.9	100.0 30.5	33.0 10.1
24 DN600	24.000 609.6	42.0 ¹ 12.8	27.0 8.2	29.5 ¹ 9.0	19.0 5.8	120.0 36.6	40.0 12.2

¹ Fitting flow data for 14-24/DN350-DN600 size No. 10 and No. 11 Elbows is based on fittings for Style 07 and Style 77 couplings. For flow data on AGS fittings (No. W10 and No. W11 Elbows), refer to publication 20.05.

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.
- Always reference Victaulic [publication I-ENDCAP](#) for important end cap installation safety instructions.
- 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.

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

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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.