

Victaulic® FireLock™ Mechanical-T Bolted Branch Outlet Style 927



Style 927



Style 927 Cross

1.0 PRODUCT DESCRIPTION

Available Sizes

- 2 x 1" – 8 x 4"/DN50 x DN25 – DN200 x DN100

Pipe Material

- Carbon Steel

Maximum Working Pressure

- 363 psi/2503 kPa/25 Bar

Function

- Provides a direct branch connection at any location a hole can be cut in the pipe.
- This product is designed for fire protection systems only.

2.0 CERTIFICATION/LISTINGS



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



3.0 SPECIFICATIONS – MATERIAL

Housing:

Ductile iron conforming to ASTM A-536, grade 65-45-12.

Housing Coating: (specify choice)

Standard: Red coating.

Optional: Hot dipped galvanized.

Gasket:

Sizes 2 x 1" through 2 x 1 ½"/DN50 x DN25 through DN50 x DN40

Grade "E" EPDM

Victaulic EPDM (Green color code). Applicable for wet and dry (oil-free air) sprinkler services only. FM Approved for continuous use in wet and dry systems. Recommended for ambient temperatures only. NOT COMPATIBLE FOR USE WITH HOT WATER SERVICES OR STEAM SERVICES.

Sizes 2 ½ x ¾" through 8 x 4"/DN65 x DN20 through DN200 x DN100

Grade "E" EPDM (Type EC)

Victaulic EPDM (Green and Violet stripes color code). Applicable for wet and dry (oil-free air) sprinkler services only. FM Approved for continuous use in wet and dry systems. Recommended for ambient temperatures only. NOT COMPATIBLE FOR USE WITH HOT WATER SERVICES OR STEAM SERVICES.

NOTES

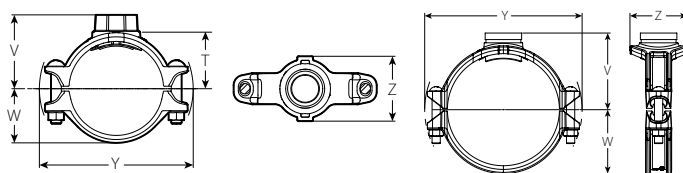
- Reference should always be made to [publication I-100](#), Victaulic Field Installation Handbook for gasket lubrication instructions.
- Services listed are General Service Guidelines only. It should be noted that there are services for which these gaskets are not compatible. Reference should always be made to [publication 05.01](#), Victaulic Gasket Selection Guide for specific gasket service guidelines and for a listing of services which are not compatible.

Bolts/Nuts:

Standard: Carbon steel oval neck track bolts meeting the mechanical property requirements of ASTM A449 (imperial) and ISO 898-1 Class 9.8 (metric). Carbon steel hex flange nuts meeting the mechanical property requirements of ASTM A563 Grade B (imperial – hex nuts) and ASTM A563M Class 9 (metric – hex nuts). Track bolts and hex flange nuts are zinc electroplated per ASTM B633 Fe/Zn 5, finish Type III (imperial) or Type II (metric).
Optional: Hot-dipped galvanized track bolts and heavy hex nuts.

4.0 DIMENSIONS

Style 927



Size				Maximum Working Pressure psi kPa	Dimensions								Weight				
Nominal inches DN	Actual Outside Diameter inches mm	Hole Size Diameter			T ²	V ³ Thd.	V ³ Grv.	W	Y	Z	Approximate						
		Req'd	Max.								Thd.	Grv.	lb kg	Grv.			
															inches mm		
2 DN50	x	1 DN25	2.375 60.3	1.315 33.7	363 2503	1 ½ 38	1 ⅝ 41	1.65 42	2.33 59	— —	1.56 40	5.43 138	2.88 73	2.49 1.13	— —		
		1 ¼ DN32	2.375 60.3	1.660 42.4	363 2503	1 ¾ 44	1 ⅞ 48	1.68 43	2.43 62	— —	1.56 40	5.43 138	3.12 79	2.80 1.27	— —		
		1 ½ DN40	2.375 60.3	1.900 48.3	363 2503	1 ¾ 44	1 ⅞ 48	1.81 46	2.56 65	— —	1.56 40	5.43 138	3.13 80	2.88 1.31	— —		
		2 ½ DN65	x	¾ DN20	2.875 73.0	1.050 26.9	363 2503	1 ½ 38	1 ⅝ 41	1.98 50	2.55 65	— —	1.82 46	5.83 148	3.03 77	2.43 1.10	— —
1 DN25	2.875 73.0			1.315 33.7	363 2503	1 ½ 38	1 ⅝ 41	1.87 47	2.55 65	— —	1.82 46	5.83 148	3.03 77	2.43 1.10	— —		
76.1mm	x			½ DN15	3.000 76.1	0.840 21.3	363 2503	1 ½ 38	1 ⅝ 41	1.94 49	2.46 62	— —	1.87 47	5.95 151	3.03 77	2.39 1.08	— —
		¾ DN20	3.000 76.1	1.050 26.9	363 2503	1 ½ 38	1 ⅝ 41	1.89 48	2.46 62	— —	1.87 47	5.95 151	3.03 77	2.39 1.08	— —		
		1 DN25	3.000 76.1	1.315 33.7	363 2503	1 ½ 38	1 ⅝ 41	1.87 47	2.55 65	— —	1.87 47	5.95 151	3.03 77	2.34 1.06	— —		
		1 ¼ DN32	3.000 76.1	1.660 42.4	363 2503	1 ¾ 44	1 ⅞ 48	1.89 48	2.64 67	— —	1.87 47	5.95 151	3.03 77	2.67 1.21	— —		
		1 ½ DN40	3.000 76.1	1.900 48.3	363 2503	2 51	2 ⅞ 54	1.89 48	2.64 67	— —	1.87 47	5.95 151	3.25 83	2.82 1.28	— —		
		3 DN80	x	½ DN15	3.500 88.9	0.840 21.3	363 2503	1 ½ 38	1 ⅝ 41	2.24 57	2.76 70	— —	2.13 54	6.39 162	3.03 77	2.57 1.17	— —
				¾ DN20	3.500 88.9	1.050 26.9	363 2503	1 ½ 38	1 ⅝ 41	2.19 56	2.76 70	— —	2.13 54	6.39 162	3.03 77	2.57 1.17	— —
				1 DN25	3.500 88.9	1.315 33.7	363 2503	1 ½ 38	1 ⅝ 41	2.17 55	2.85 72	— —	2.13 54	6.39 162	3.03 77	2.65 1.20	— —
1 ¼ DN32	3.500 88.9			1.660 42.4	363 2503	1 ¾ 44	1 ⅞ 48	2.15 55	2.90 74	— —	2.13 54	6.39 162	3.13 80	2.65 1.20	— —		
1 ½ DN40	3.500 88.9			1.900 48.3	363 2503	2 51	2 ⅞ 54	2.15 55	2.90 74	— —	2.13 54	6.39 162	3.35 85	2.71 1.23	— —		
2 DN50	3.500 88.9			2.375 60.3	363 2503	2 ½ 64	2 ⅝ 67	2.08 53	3.00 76	3.56 90	2.13 54	6.39 162	4.09 104	3.55 1.61	3.11 1.41		
3 ½ DN90	x			2 ½ DN25	3.500 88.9	2.375 60.3	363 2503	2 ½ 64	2 ⅝ 67	2.08 53	3.00 76	3.56 90	2.13 54	6.39 162	4.09 104	3.55 1.61	3.11 1.41
				3 DN32	3.500 88.9	2.660 68.3	363 2503	3 76	3 ⅛ 79	2.15 55	3.00 76	3.56 90	2.13 54	6.39 162	4.09 104	3.55 1.61	3.11 1.41

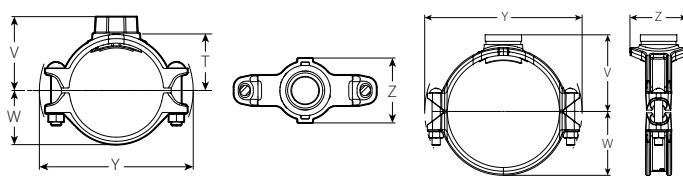
² Center of run to engage pipe end. Female threaded outlets are available to NPT and BSPT specifications. Specify choice on order. For 76.1 mm threaded outlet, specify 2 1/2" BSPT clearly on order.

³ Center of run to end of fitting.

⁴ Victaulic female threaded products are designed to accommodate BSPT and NPT male pipe threads. Refer to the specific literature for these types of special male-threaded products for guidance and possible limitations for use. Failure to verify suitability in advance may result in assembly problems or leakage.

4.0 DIMENSIONS (CONTINUED)

Style 927

Female Threaded Outlet⁴

Grooved Outlet

Size					Dimensions									Weight		
Nominal inches DN		Actual Outside Diameter inches mm		Maximum Working Pressure psi kPa	Hole Size Diameter		T ²	V ³ Thd.	V ³ Grv.	W	Y	Z	Approximate			
					Req'd	Max.							Thd.	Grv.	lb kg	Grv.
4 DN100	x	½	4.500	0.840	363	1 ½	1 ⅝	2.95	3.47	—	2.61	7.30	3.03	2.90	—	
		DN15	114.3	x 21.3	2503	38	41	75	88	—	66	185	77	1.32	—	
	x	¾	4.500	1.050	363	1 ½	1 ⅝	2.90	3.47	—	2.61	7.30	3.03	2.90	—	
		DN20	114.3	x 26.9	2503	38	41	74	88	—	66	185	77	1.32	—	
	x	1	4.500	1.315	363	1 ½	1 ⅝	2.88	3.56	—	2.61	7.30	3.03	2.85	—	
		DN25	114.3	x 33.7	2503	38	41	73	90	—	66	185	77	1.29	—	
	x	1 ¼	4.500	1.660	363	1 ¾	1 ⅞	2.81	3.56	—	2.61	7.30	3.13	2.93	—	
		DN32	114.3	x 42.4	2503	44	48	71	90	—	66	185	80	1.33	—	
	x	1 ½	4.500	1.900	363	2	2 ⅛	2.81	3.56	—	2.61	7.30	3.35	3.13	—	
		DN40	114.3	x 48.3	2503	51	54	71	90	—	66	185	85	1.42	—	
x	2	4.500	2.375	363	2 ½	2 ⅝	2.48	3.40	4.00	2.61	7.30	3.85	2.93	3.39		
	DN50	114.3	x 60.3	2503	64	67	63	86	102	66	185	98	1.33	1.54		
	x	3	4.500	3.000	363	2 ¾	2 ⅞	2.79	3.88	4.00	2.61	7.32	4.23	4.58	4.13	
		DN65	114.3	x 76.1	2503	70	73	71	99	102	66	186	107	2.08	1.87	
x	3	4.500	3.500	363	3 ½	3 ⅝	2.84	3.85	4.10	2.61	7.32	5.00	5.49	5.05		
	DN80	114.3	x 88.9	2503	89	92	72	98	104	66	186	127	2.49	2.29		
	x	1 ½	5.500	1.900	363	2	2 ⅛	3.24	4.00	—	3.11	9.01	3.39	4.55	—	
		DN40	139.7	x 48.3	2503	51	54	82	102	—	79	229	86	2.06	—	
x	2	5.500	2.375	363	2 ½	2 ⅝	3.24	4.20	—	3.11	9.01	3.89	4.79	—		
	DN50	139.7	x 60.3	2503	64	67	82	107	—	79	229	99	2.17	—		
	x	5.500	3.000	363	2 ¾	2 ⅞	—	—	4.40	3.19	9.01	4.16	—	5.11		
		DN65	139.7	x 76.1	2503	70	73	—	—	112	81	229	106	—	2.32	
165.1mm	x	1	6.500	1.315	363	1 ½	1 ⅝	3.74	4.40	—	3.69	9.90	3.03	4.94	—	
		DN25	165.1	x 33.7	2503	38	41	95	112	—	94	251	77	2.24	—	
	x	1 ¼	6.500	1.660	363	1 ¾	1 ⅞	3.75	4.50	—	3.69	9.90	3.17	4.97	—	
		DN32	165.1	x 42.4	2503	44	48	95	114	—	94	251	81	2.25	—	
	x	1 ½	6.500	1.900	363	2	2 ⅛	3.75	4.50	—	3.69	9.90	3.39	5.04	—	
		DN40	165.1	x 48.3	2503	51	54	95	114	—	94	251	86	2.29	—	
	x	2	6.500	2.375	363	2 ½	2 ⅝	3.73	4.65	5.10	3.69	9.90	3.90	5.41	5.52	
		DN50	165.1	x 60.3	2503	64	67	95	118	130	94	251	99	2.45	2.50	
	x	6.500	3.000	363	2 ¾	2 ⅞	3.83	4.88	5.10	3.69	9.90	4.23	6.57	6.33		
		DN65	165.1	x 76.1	2503	70	73	97	124	130	94	251	107	2.98	2.87	
x	3	6.500	3.500	363	3 ½	3 ⅝	3.83	5.00	5.10	3.69	9.90	5.03	7.71	6.99		
	DN80	165.1	x 88.9	2503	89	92	97	127	130	94	251	128	3.50	3.17		
x	4	6.500	4.500	363	4 ½	4 ⅝	3.86	—	5.00	3.69	9.90	6.05	—	7.94		
	DN100	165.1	x 114.3	2503	114	117	98	—	127	94	251	154	—	3.60		

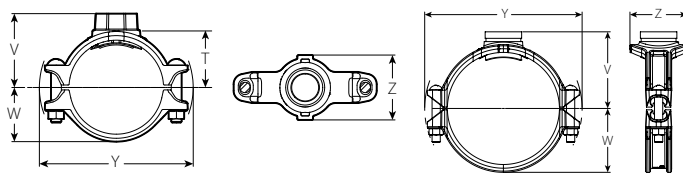
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³ Center of run to end of fitting.

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4.0 DIMENSIONS (CONTINUED)

Style 927


Female Threaded Outlet⁴

Grooved Outlet

Size				Maximum Working Pressure psi kPa	Dimensions								Weight	
Nominal inches DN	Actual Outside Diameter inches mm	Hole Size Diameter			T ²	V ³ Thd.	V ³ Grv.	W	Y	Z	Approximate			
		Req'd	Max.								Thd.	Grv.		
		inches mm									lb kg	Grv.		
6 DN150	1	6.625	1.315	363	1 ½	1 ⅝	3.80	4.46	—	3.75	9.95	3.03	4.96	—
	DN25	168.3	33.7	2503	38	41	97	113	—	95	253	77	2.25	—
	1 ¼	6.625	1.660	363	1 ¾	1 ⅞	3.85	4.60	—	3.75	9.95	3.17	5.05	—
	DN32	168.3	42.4	2503	44	48	98	117	—	95	253	81	2.29	—
	1 ½	6.625	1.900	363	2	2 ⅛	3.85	4.60	—	3.75	9.95	3.39	5.17	—
	DN40	168.3	48.3	2503	51	54	98	117	—	95	253	86	2.35	—
	2	6.625	2.375	363	2 ½	2 ⅝	3.81	4.73	—	3.75	9.95	3.90	5.56	—
	DN50	168.3	60.3	2503	64	67	97	120	—	95	253	99	2.52	—
	3	6.625	3.500	363	3 ½	3 ⅝	3.89	—	5.16	3.75	9.95	5.03	—	6.96
	DN80	168.3	88.9	2503	89	92	99	—	131	95	253	128	—	3.16
216.3mm	4	6.625	4.500	363	4 ½	4 ⅝	3.92	—	5.06	3.75	9.95	6.05	—	7.88
	DN100	168.3	114.3	2503	114	117	100	—	129	95	253	154	—	3.57
	2	8.515	2.375	363	2 ½	2 ⅝	4.84	5.87	—	4.76	11.95	4.24	7.68	—
	DN50	216.3	60.3	2503	64	67	123	149	—	121	304	108	3.48	—
	DN65	8.515	3.000	363	2 ¾	2 ⅞	4.84	5.87	—	4.76	11.95	4.49	8.10	—
	3	216.3	76.1	2503	70	73	123	149	—	121	304	114	3.67	—
	DN80	8.515	3.500	363	3 ½	3 ⅝	4.81	—	6.05	4.76	11.95	5.50	—	8.92
	4	216.3	88.9	2503	89	92	122	—	154	121	304	140	—	4.05
	DN100	8.515	4.500	363	4 ½	4 ⅝	4.86	—	6.15	4.76	11.95	6.41	—	10.15
	216.3mm	216.3	114.3	2503	114	117	123	—	156	121	304	163	—	4.60
8 DN200	2	8.625	2.375	363	2 ½	2 ⅝	4.89	5.75	—	4.82	12.07	4.24	7.72	—
	DN50	219.1	60.3	2503	64	67	124	146	—	122	307	108	3.50	—
	DN65	8.625	3.000	363	2 ¾	2 ⅞	4.89	5.92	—	4.82	12.07	4.49	8.14	—
	3	219.1	76.1	2503	70	73	124	150	—	122	307	114	3.69	—
	DN80	8.625	3.500	363	3 ½	3 ⅝	4.87	—	6.10	4.82	12.07	5.50	—	8.96
	4	219.1	88.9	2503	89	92	124	—	155	122	307	140	—	4.06
	DN100	8.625	4.500	363	4 ½	4 ⅝	4.91	—	6.20	4.82	12.07	6.41	—	10.19
	219.1	114.3	2503	114	117	125	—	157	122	307	163	—	4.62	

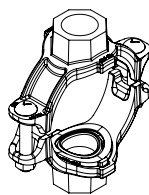
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³ Center of run to end of fitting.

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4.1 DIMENSIONS

Style 927 Cross


Female Threaded Outlet⁴

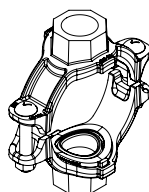

Grooved Outlet

Size				Dimensions							
Nominal				Branch A				Branch B			
Run	Branch A x B			Outlet Type Take Out Dimension		Hole Size Diameter		Outlet Type Take Out Dimension		Hole Size Diameter	
	inches DN			Grvd.	Thd.	Req'd	Max.	Grvd.	Thd.	Req'd	Max.
2 DN50	x	1 DN25	1 DN25	—	2.33 59	1 ½ 38	1 ⅝ 41	—	2.33 59	1 ½ 38	1 ⅝ 41
		1 DN25	1 ¼ DN32	—	2.33 59	1 ½ 38	1 ⅝ 41	—	2.43 62	1 ¾ 44	1 ⅞ 48
		1 DN25	1 ½ DN40	—	2.33 59	1 ½ 38	1 ⅝ 41	—	2.56 65	1 ¾ 44	1 ⅞ 48
		1 ¼ DN32	1 ¼ DN32	—	2.43 62	1 ¾ 44	1 ⅞ 48	—	2.43 62	1 ¾ 44	1 ⅞ 48
		1 ¼ DN32	1 ½ DN40	—	2.43 62	1 ¾ 44	1 ⅞ 48	—	2.56 65	1 ¾ 44	1 ⅞ 48
		1 ½ DN40	1 ½ DN40	—	2.56 65	1 ¾ 44	1 ⅞ 48	—	2.56 65	1 ¾ 44	1 ⅞ 48
		2 ½ DN65	x	¾ DN20	¾ DN20	—	2.55 65	1 ½ 38	1 ⅝ 41	—	2.55 65
2 ½ DN65	x	¾ DN20	1 DN25	—	2.55 65	1 ½ 38	1 ⅝ 41	—	2.55 65	1 ½ 38	1 ⅝ 41
		1 DN25	1 DN25	—	2.55 65	1 ½ 38	1 ⅝ 41	—	2.55 65	1 ½ 38	1 ⅝ 41

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4.1 DIMENSIONS (CONTINUED)

Style 927 Cross



Female Threaded Outlet⁴



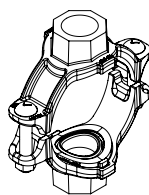
Grooved Outlet

Size				Dimensions							
Nominal				Branch A				Branch B			
Run	Branch A x B			Outlet Type Take Out Dimension		Hole Size Diameter		Outlet Type Take Out Dimension		Hole Size Diameter	
	inches		DN	Grvd.	Thd.	Req'd	Max.	Grvd.	Thd.	Req'd	Max.
76.1mm x	1/2	x	1/2	—	2.46	1 1/2	1 5/8	—	2.46	1 1/2	1 5/8
	DN15	x	DN15	—	62	38	41	—	62	38	41
	1/2	x	3/4	—	2.46	1 1/2	1 5/8	—	2.46	1 1/2	1 5/8
	DN15	x	DN20	—	62	38	41	—	62	38	41
	1/2	x	1	—	2.46	1 1/2	1 5/8	—	2.55	1 1/2	1 5/8
	DN15	x	DN25	—	62	38	41	—	65	38	41
	1/2	x	1 1/4	—	2.46	1 1/2	1 5/8	—	2.64	1 3/4	1 7/8
	DN15	x	DN32	—	62	38	41	—	67	44	48
	1/2	x	1 1/2	—	2.46	1 1/2	1 5/8	—	2.64	2	2 1/8
	DN15	x	DN40	—	62	38	41	—	67	51	54
	3/4	x	3/4	—	2.46	1 1/2	1 5/8	—	2.46	1 1/2	1 5/8
	DN20	x	DN20	—	62	38	41	—	62	38	41
	3/4	x	1	—	2.46	1 1/2	1 5/8	—	2.55	1 1/2	1 5/8
	DN20	x	DN25	—	62	38	41	—	65	38	41
	3/4	x	1 1/4	—	2.46	1 1/2	1 5/8	—	2.64	1 3/4	1 7/8
	DN20	x	DN32	—	62	38	41	—	67	44	48
	3/4	x	1 1/2	—	2.46	1 1/2	1 5/8	—	2.64	2	2 1/8
	DN20	x	DN40	—	62	38	41	—	67	51	54
	1	x	1	—	2.55	1 1/2	1 5/8	—	2.55	1 1/2	1 5/8
	DN25	x	DN25	—	65	38	41	—	65	38	41
	1	x	1 1/4	—	2.55	1 1/2	1 5/8	—	2.64	1 3/4	1 7/8
	DN25	x	DN32	—	65	38	41	—	67	44	48
	1	x	1 1/2	—	2.55	1 1/2	1 5/8	—	2.64	2	2 1/8
	DN25	x	DN40	—	65	38	41	—	67	51	54
	1 1/4	x	1 1/4	—	2.64	1 3/4	1 7/8	—	2.64	1 3/4	1 7/8
	DN32	x	DN32	—	67	44	48	—	67	44	48
	1 1/4	x	1 1/2	—	2.64	1 3/4	1 7/8	—	2.64	2	2 1/8
	DN32	x	DN40	—	67	44	48	—	67	51	54
	1 1/2	x	1 1/2	—	2.64	2	2 1/8	—	2.64	2	2 1/8
	DN40	x	DN40	—	67	51	54	—	67	51	54

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4.1 DIMENSIONS (CONTINUED)

Style 927 Cross

Female Threaded Outlet⁴

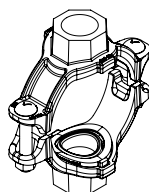
Grooved Outlet

Size		Dimensions							
Nominal		Branch A				Branch B			
Run	Branch A x B	Outlet Type Take Out Dimension		Hole Size Diameter		Outlet Type Take Out Dimension		Hole Size Diameter	
	inches DN	Grvd.	Thd.	Req'd	Max.	Grvd.	Thd.	Req'd	Max.
3 DN80	1/2 x 1/2 DN15 x DN15	—	2.76 70	1 1/2 38	1 5/8 41	—	2.76 70	1 1/2 38	1 5/8 41
	1/2 x 3/4 DN15 x DN20	—	2.76 70	1 1/2 38	1 5/8 41	—	2.76 70	1 1/2 38	1 5/8 41
	1/2 x 1 DN15 x DN25	—	2.76 70	1 1/2 38	1 5/8 41	—	2.85 72	1 1/2 38	1 5/8 41
	1/2 x 1 1/4 DN15 x DN32	—	2.76 70	1 1/2 38	1 5/8 41	—	2.90 74	1 3/4 44	1 7/8 48
	1/2 x 1 1/2 DN15 x DN40	—	2.76 70	1 1/2 38	1 5/8 41	—	2.90 74	2 51	2 1/8 54
	1/2 x 2 DN15 x DN50	—	2.76 70	1 1/2 38	1 5/8 41	3.56 90	3.00 76	2 1/2 64	2 3/8 67
	3/4 x 3/4 DN20 x DN20	—	2.76 70	1 1/2 38	1 5/8 41	—	2.76 70	1 1/2 38	1 5/8 41
	3/4 x 1 DN20 x DN25	—	2.76 70	1 1/2 38	1 5/8 41	—	2.85 72	1 1/2 38	1 5/8 41
	3/4 x 1 1/4 DN20 x DN32	—	2.76 70	1 1/2 38	1 5/8 41	—	2.90 74	1 3/4 44	1 7/8 48
	3/4 x 1 1/2 DN20 x DN40	—	2.76 70	1 1/2 38	1 5/8 41	—	2.90 74	2 51	2 1/8 54
	3/4 x 2 DN20 x DN50	—	2.76 70	1 1/2 38	1 5/8 41	3.56 90	3.00 76	2 1/2 64	2 3/8 67
	1 x 1 DN25 x DN25	—	2.85 72	1 1/2 38	1 5/8 41	—	2.85 72	1 1/2 38	1 5/8 41
	1 x 1 1/4 DN25 x DN32	—	2.85 72	1 1/2 38	1 5/8 41	—	2.90 74	1 3/4 44	1 7/8 48
	1 x 1 1/2 DN25 x DN40	—	2.85 72	1 1/2 38	1 5/8 41	—	2.90 74	2 51	2 1/8 54
	1 x 2 DN25 x DN50	—	2.85 72	1 1/2 38	1 5/8 41	3.56 90	3.00 76	2 1/2 64	2 3/8 67
	1 1/4 x 1 1/4 DN32 x DN32	—	2.90 74	1 3/4 44	1 7/8 48	—	2.90 74	1 3/4 44	1 7/8 48
	1 1/4 x 1 1/2 DN32 x DN40	—	2.90 74	1 3/4 44	1 7/8 48	—	2.90 74	2 51	2 1/8 54
	1 1/4 x 2 DN32 x DN50	—	2.90 74	1 3/4 44	1 7/8 48	3.56 90	3.00 76	2 1/2 64	2 3/8 67
	1 1/2 x 1 1/2 DN40 x DN40	—	2.90 74	2 51	2 1/8 54	—	2.90 74	2 51	2 1/8 54
	1 1/2 x 2 DN40 x DN50	—	2.90 74	2 51	2 1/8 54	3.56 90	3.00 76	2 1/2 64	2 3/8 67
	2 x 2 DN50 x DN50	3.56 90	3.00 76	2 1/2 64	2 3/8 67	3.56 90	3.00 76	2 1/2 64	2 3/8 67

⁴ Victaulic female threaded products are designed to accommodate BSPT and NPT male pipe threads. Refer to the specific literature for these types of special male-threaded products for guidance and possible limitations for use. Failure to verify suitability in advance may result in assembly problems or leakage.

4.1 DIMENSIONS (CONTINUED)

Style 927 Cross

Female Threaded Outlet⁴

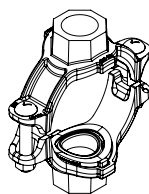
Grooved Outlet

Size		Dimensions							
Nominal		Branch A				Branch B			
Run	Branch A x B	Outlet Type Take Out Dimension		Hole Size Diameter		Outlet Type Take Out Dimension		Hole Size Diameter	
	inches DN	Grvd.	Thd.	Req'd	Max.	Grvd.	Thd.	Req'd	Max.
4 x DN100	1/2 x 1/2 DN15 x DN15	—	3.47 88	1 1/2 38	1 5/8 41	—	3.47 88	1 1/2 38	1 5/8 41
	1/2 x 3/4 DN15 x DN20	—	3.47 88	1 1/2 38	1 5/8 41	—	3.47 88	1 1/2 38	1 5/8 41
	1/2 x 1 DN15 x DN25	—	3.47 88	1 1/2 38	1 5/8 41	—	3.56 90	1 1/2 38	1 5/8 41
	1/2 x 1 1/4 DN15 x DN32	—	3.47 88	1 1/2 38	1 5/8 41	—	3.56 90	1 3/4 44	1 7/8 48
	1/2 x 1 1/2 DN15 x DN40	—	3.47 88	1 1/2 38	1 5/8 41	—	3.56 90	2 51	2 1/8 54
	1/2 x 2 DN15 x DN50	—	3.47 88	1 1/2 38	1 5/8 41	4.00 102	3.40 86	2 1/2 64	2 5/8 67
	1/2 x 76.1 DN15 x 76.1	—	3.47 88	1 1/2 38	1 5/8 41	4.00 102	3.88 99	2 3/4 70	2 7/8 73
	1/2 x 3 DN15 x DN80	—	3.47 88	1 1/2 38	1 5/8 41	4.10 104	3.85 98	3 1/2 89	3 5/8 92
	3/4 x 3/4 DN20 x DN20	—	3.47 88	1 1/2 38	1 5/8 41	—	3.47 88	1 1/2 38	1 5/8 41
	3/4 x 1 DN20 x DN25	—	3.47 88	1 1/2 38	1 5/8 41	—	3.56 90	1 1/2 38	1 5/8 41
	3/4 x 1 1/4 DN20 x DN32	—	3.47 88	1 1/2 38	1 5/8 41	—	3.56 90	1 3/4 44	1 7/8 48
	3/4 x 1 1/2 DN20 x DN40	—	3.47 88	1 1/2 38	1 5/8 41	—	3.56 90	2 51	2 1/8 54
	3/4 x 2 DN20 x DN50	—	3.47 88	1 1/2 38	1 5/8 41	4.00 102	3.40 86	2 1/2 64	2 5/8 67
	3/4 x 76.1 DN20 x 76.1	—	3.47 88	1 1/2 38	1 5/8 41	4.00 102	3.88 99	2 3/4 70	2 7/8 73
	3/4 x 3 DN20 x DN80	—	3.47 88	1 1/2 38	1 5/8 41	4.10 104	3.85 98	3 1/2 89	3 5/8 92
	1 x 1 DN25 x DN25	—	3.56 90	1 1/2 38	1 5/8 41	—	3.56 90	1 1/2 38	1 5/8 41
	1 x 1 1/4 DN25 x DN32	—	3.56 90	1 1/2 38	1 5/8 41	—	3.56 90	1 3/4 44	1 7/8 48
	1 x 1 1/2 DN25 x DN40	—	3.56 90	1 1/2 38	1 5/8 41	—	3.56 90	2 51	2 1/8 54
	1 x 2 DN25 x DN50	—	3.56 90	1 1/2 38	1 5/8 41	4.00 102	3.40 86	2 1/2 64	2 5/8 67
	1 x 76.1 DN25 x 76.1	—	3.56 90	1 1/2 38	1 5/8 41	4.00 102	3.88 99	2 3/4 70	2 7/8 73
	1 x 3 DN25 x DN80	—	3.56 90	1 1/2 38	1 5/8 41	4.10 104	3.85 98	3 1/2 89	3 5/8 92
	1 1/4 x 1 1/4 DN32 x DN32	—	3.56 90	1 3/4 44	1 7/8 48	—	3.56 90	1 3/4 44	1 7/8 48
	1 1/4 x 1 1/2 DN32 x DN40	—	3.56 90	1 3/4 44	1 7/8 48	—	3.56 90	2 51	2 1/8 54

⁴ Victaulic female threaded products are designed to accommodate BSPT and NPT male pipe threads. Refer to the specific literature for these types of special male-threaded products for guidance and possible limitations for use. Failure to verify suitability in advance may result in assembly problems or leakage.

4.1 DIMENSIONS (CONTINUED)

Style 927 Cross

Female Threaded Outlet⁴

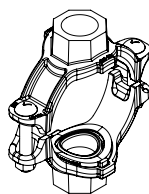
Grooved Outlet

Size				Dimensions							
Nominal				Branch A				Branch B			
Run	Branch A x B			Outlet Type Take Out Dimension		Hole Size Diameter		Outlet Type Take Out Dimension		Hole Size Diameter	
	inches	DN		Grvd.	Thd.	Req'd	Max.	Grvd.	Thd.	Req'd	Max.
4 x DN100	1 1/4	DN32	x 2	—	3.56	1 3/4	1 7/8	4.00	3.40	2 1/2	2 5/8
					90	44	48	102	86	64	67
	1 1/4	DN32	x 76.1	—	3.56	1 3/4	1 7/8	4.00	3.88	2 3/4	2 7/8
					90	44	48	102	99	70	73
	1 1/4	DN32	x 3	—	3.56	1 3/4	1 7/8	4.10	3.85	3 1/2	3 5/8
					90	44	48	104	98	89	92
	1 1/2	DN40	x 1 1/2	—	3.56	2	2 1/8	—	4.00	2	2 1/8
					90	51	54	—	90	51	54
	1 1/2	DN40	x 2	—	3.56	2	2 1/8	4.00	3.40	2 1/2	2 5/8
					90	51	54	102	86	64	67
	1 1/2	DN40	x 76.1	—	3.56	2	2 1/8	4.00	3.88	2 3/4	2 7/8
					90	51	54	102	99	70	73
	1 1/2	DN40	x 3	—	3.56	2	2 1/8	4.10	3.85	3 1/2	3 5/8
					90	51	54	104	98	89	92
	2	DN50	x 2	4.00	3.40	2 1/2	2 5/8	4.00	3.40	2 1/2	2 5/8
					102	86	67	102	86	64	67
139.7mm x	2	DN50	x 76.1	4.00	3.40	2 1/2	2 5/8	4.00	3.88	2 3/4	2 7/8
					102	86	67	102	99	70	73
	2	DN50	x 3	4.00	3.40	2 1/2	2 5/8	4.10	3.85	3 1/2	3 5/8
					102	86	67	104	98	89	92
	76.1	DN50	x 76.1	4.00	3.88	2 3/4	2 7/8	4.00	3.88	2 3/4	2 7/8
					102	99	70	102	99	70	73
	76.1	DN50	x 3	4.00	3.88	2 3/4	2 7/8	4.10	3.85	3 1/2	3 5/8
					102	99	70	104	98	89	92
	3	DN80	x 3	4.10	3.85	3 1/2	3 5/8	4.10	3.85	3 1/2	3 5/8
					104	98	92	104	98	89	92
	1 1/2	DN40	x 1 1/2	—	4.00	2	2 1/8	—	4.00	2	2 1/8
					102	51	54	—	102	51	54
	1 1/2	DN40	x 2	—	4.00	2	2 1/8	—	4.20	2 1/2	2 5/8
					102	51	54	—	107	64	67
	1 1/2	DN40	x 76.1	—	4.00	2	2 1/8	4.40	—	2 3/4	2 7/8
					102	51	54	112	—	70	73
165.1mm x	2	DN50	x 2	—	4.20	2 1/2	2 5/8	—	4.20	2 1/2	2 5/8
					107	64	67	—	107	64	67
	2	DN50	x 76.1	—	4.20	2 1/2	2 5/8	4.40	—	2 3/4	2 7/8
					107	64	67	112	—	70	73
	76.1	DN50	x 76.1	4.40	—	2 3/4	2 7/8	4.40	—	2 3/4	2 7/8
					112	70	73	112	—	70	73
	1	DN25	x 1	—	4.40	1 1/2	1 5/8	—	4.40	1 1/2	1 5/8
					112	38	41	—	112	38	41
	1	DN25	x 1 1/4	—	4.40	1 1/2	1 5/8	—	4.50	1 3/4	1 7/8
					112	38	41	—	114	44	48
	1	DN25	x 1 1/2	—	4.40	1 1/2	1 5/8	—	4.50	2	2 1/8
					112	38	41	—	114	51	54
	1	DN25	x 2	—	4.40	1 1/2	1 5/8	5.10	4.65	2 1/2	2 5/8
					112	38	41	130	118	64	67
	1	DN25	x 76.1	—	4.40	1 1/2	1 5/8	5.10	4.88	2 3/4	2 7/8
					112	38	41	130	124	70	73

⁴ Victaulic female threaded products are designed to accommodate BSPT and NPT male pipe threads. Refer to the specific literature for these types of special male-threaded products for guidance and possible limitations for use. Failure to verify suitability in advance may result in assembly problems or leakage.

4.1 DIMENSIONS (CONTINUED)

Style 927 Cross

Female Threaded Outlet⁴

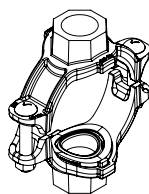
Grooved Outlet

Size		Dimensions							
Nominal		Branch A				Branch B			
Run	Branch A x B	Outlet Type Take Out Dimension		Hole Size Diameter		Outlet Type Take Out Dimension		Hole Size Diameter	
	inches DN	Grvd.	Thd.	Req'd	Max.	Grvd.	Thd.	Req'd	Max.
165.1mm	1 x 3 DN25 x DN80	—	4.40 112	1 ½ 38	1 ⅝ 41	5.10 130	5.00 127	3 ½ 89	3 ⅞ 92
	1 x 4 DN25 x DN100	—	4.40 112	1 ½ 38	1 ⅝ 41	5.00 127	—	4 ½ 114	4 ⅞ 117
	1 ¼ x 1 ¼ DN32 x DN32	—	4.50 114	1 ¾ 44	1 ⅞ 48	—	4.50 114	1 ¾ 44	1 ⅞ 48
	1 ¼ x 1 ½ DN32 x DN40	—	4.50 114	1 ¾ 44	1 ⅞ 48	—	4.50 114	2 51	2 ⅞ 54
	1 ¼ x 2 DN32 x DN50	—	4.50 114	1 ¾ 44	1 ⅞ 48	5.10 130	4.65 118	2 ½ 64	2 ⅞ 67
	1 ¼ x 76.1 DN32 x 76.1	—	4.50 114	1 ¾ 44	1 ⅞ 48	5.10 130	4.88 124	2 ¾ 70	2 ⅞ 73
	1 ¼ x 3 DN32 x DN80	—	4.50 114	1 ¾ 44	1 ⅞ 48	5.10 130	5.00 127	3 ½ 89	3 ⅞ 92
	1 ¼ x 4 DN32 x DN100	—	4.50 114	1 ¾ 44	1 ⅞ 48	5.00 127	—	4 ½ 114	4 ⅞ 117
	1 ½ x 1 ½ DN40 x DN40	—	4.50 114	2 51	2 ⅞ 54	—	4.50 114	2 51	2 ⅞ 54
	1 ½ x 2 DN40 x DN50	—	4.50 114	2 51	2 ⅞ 54	5.10 130	4.65 118	2 ½ 64	2 ⅞ 67
	1 ½ x 76.1 DN40 x 76.1	—	4.50 114	2 51	2 ⅞ 54	5.10 130	4.88 124	2 ¾ 70	2 ⅞ 73
	1 ½ x 3 DN40 x DN80	—	4.50 114	2 51	2 ⅞ 54	5.10 130	5.00 127	3 ½ 89	3 ⅞ 92
	1 ½ x 4 DN40 x DN100	—	4.50 114	2 51	2 ⅞ 54	5.00 127	—	4 ½ 114	4 ⅞ 117
	2 x 2 DN50 x DN50	5.10 130	4.65 118	2 ½ 64	2 ⅞ 67	5.10 130	4.65 118	2 ½ 64	2 ⅞ 67
	2 x 76.1 DN50 x 76.1	5.10 130	4.65 118	2 ½ 64	2 ⅞ 67	5.10 130	4.88 124	2 ¾ 70	2 ⅞ 73
	2 x 3 DN50 x DN80	5.10 130	4.65 118	2 ½ 64	2 ⅞ 67	5.10 130	5.00 127	3 ½ 89	3 ⅞ 92
	2 x 4 DN50 x DN100	5.10 130	4.65 118	2 ½ 64	2 ⅞ 67	5.00 127	—	4 ½ 114	4 ⅞ 117
	76.1 x 76.1	5.10 130	4.88 124	2 ¾ 70	2 ⅞ 73	5.10 130	4.88 124	2 ¾ 70	2 ⅞ 73
	76.1 x 3 76.1 x DN80	5.10 130	4.88 124	2 ¾ 70	2 ⅞ 73	5.10 130	5.00 127	3 ½ 89	3 ⅞ 92
	76.1 x 4 76.1 x DN100	5.10 130	4.88 124	2 ¾ 70	2 ⅞ 73	5.00 127	—	4 ½ 114	4 ⅞ 117
	3 x 3 DN80 x DN80	5.10 130	5.00 127	3 ½ 89	3 ⅞ 92	5.10 130	5.00 127	3 ½ 89	3 ⅞ 92
	3 x 4 DN80 x DN100	5.10 130	5.00 127	3 ½ 89	3 ⅞ 92	5.00 127	—	4 ½ 114	4 ⅞ 117
	4 x 4 DN100 x DN100	5.00 127	—	4 ½ 114	4 ⅞ 117	5.00 127	—	4 ½ 114	4 ⅞ 117

⁴ Victaulic female threaded products are designed to accommodate BSPT and NPT male pipe threads. Refer to the specific literature for these types of special male-threaded products for guidance and possible limitations for use. Failure to verify suitability in advance may result in assembly problems or leakage.

4.1 DIMENSIONS (CONTINUED)

Style 927 Cross

Female Threaded Outlet⁴

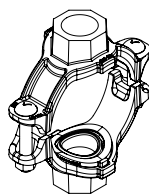
Grooved Outlet

Size		Dimensions							
Nominal		Branch A				Branch B			
Run	Branch A x B	Outlet Type Take Out Dimension		Hole Size Diameter		Outlet Type Take Out Dimension		Hole Size Diameter	
		Grvd.	Thd.	Req'd	Max.	Grvd.	Thd.	Req'd	Max.
6 DN150	1 ⁵ DN25 x DN25	–	4.46 113	1½	1⅝ 41	–	4.46 113	1½	1⅝ 41
	1¼ DN25 x DN32	–	4.46 113	1½	1⅝ 41	–	4.60 117	1¾	1⅞ 48
	1½ DN25 x DN40	–	4.46 113	1½	1⅝ 41	–	4.60 117	2	2⅞ 54
	2 DN25 x DN50	–	4.46 113	1½	1⅝ 41	–	4.73 120	2½	2⅞ 67
	3 DN25 x DN80	–	4.46 113	1½	1⅝ 41	5.16 131	–	3½	3⅞ 92
	4 DN25 x DN100	–	4.46 113	1½	1⅝ 41	5.06 129	–	4½	4⅞ 117
	1¼ DN32 x DN32	–	4.60 117	1¾	1⅞ 48	–	4.60 117	1¾	1⅞ 48
	1½ DN32 x DN40	–	4.60 117	1¾	1⅞ 48	–	4.60 117	2	2⅞ 54
	2 DN32 x DN50	–	4.60 117	1¾	1⅞ 48	–	4.73 120	2½	2⅞ 67
	3 DN32 x DN80	–	4.60 117	1¾	1⅞ 48	5.16 131	–	3½	3⅞ 92
	4 DN32 x DN100	–	4.60 117	1¾	1⅞ 48	5.06 129	–	4½	4⅞ 117
	1½ DN40 x DN40	–	4.60 117	2	2⅞ 54	–	4.60 117	2	2⅞ 54
	2 DN40 x DN50	–	4.60 117	2	2⅞ 54	–	4.73 120	2½	2⅞ 67
	3 DN40 x DN80	–	4.60 117	2	2⅞ 54	5.16 131	–	3½	3⅞ 92
	4 DN40 x DN100	–	4.60 117	2	2⅞ 54	5.06 129	–	4½	4⅞ 117
	2 DN50 x DN50	–	4.73 120	2½	2⅞ 67	–	4.73 120	2½	2⅞ 67
	3 DN50 x DN80	–	4.73 120	2½	2⅞ 67	5.16 131	–	3½	3⅞ 92
	4 DN50 x DN100	–	4.73 120	2½	2⅞ 67	5.06 129	–	4½	4⅞ 117
	3 DN80 x DN80	5.16 131	–	3½	3⅞ 92	5.16 131	–	3½	3⅞ 92
	4 DN80 x DN100	5.16 131	–	3½	3⅞ 92	5.06 129	–	4½	4⅞ 117
	4 DN100 x DN100	5.06 129	–	4½	4⅞ 117	5.06 129	–	4½	4⅞ 117

⁴ Victaulic female threaded products are designed to accommodate BSPT and NPT male pipe threads. Refer to the specific literature for these types of special male-threaded products for guidance and possible limitations for use. Failure to verify suitability in advance may result in assembly problems or leakage.

4.1 DIMENSIONS (CONTINUED)

Style 927 Cross

Female Threaded Outlet⁴

Grooved Outlet

Size				Dimensions							
Nominal				Branch A				Branch B			
Run	Branch A x B			Outlet Type Take Out Dimension		Hole Size Diameter		Outlet Type Take Out Dimension		Hole Size Diameter	
	inches			Grvd.	Thd.	Req'd	Max.	Grvd.	Thd.	Req'd	Max.
216.3mm	2	2			5.70	2 1/2	2 5/8		5.70	2 1/2	2 5/8
	DN50	x	DN50	—	145	64	67	—	145	64	67
	2				5.70	2 1/2	2 5/8		5.87	2 3/4	2 7/8
	DN50	x	76.1	—	145	64	67	—	149	70	73
	2	3			5.70	2 1/2	2 5/8	6.05	—	3 1/2	3 5/8
	DN50	x	DN80	—	145	64	67	154	—	89	92
	2	4			5.70	2 1/2	2 5/8	6.15	—	4 1/2	4 5/8
	DN50	x	DN100	—	145	64	67	156	—	114	117
	76.1				5.87	2 3/4	2 7/8	—	5.87	2 3/4	2 7/8
	x	76.1		—	149	70	73	—	149	70	73
	76.1	3			5.87	2 3/4	2 7/8	6.05	—	3 1/2	3 5/8
	x	DN80	—	—	149	70	73	154	—	89	92
8 200	2	2			5.75	2 1/2	2 5/8		5.75	2 1/2	2 5/8
	DN50	x	DN50	—	146	64	67	—	146	64	67
	2				5.75	2 1/2	2 5/8		5.92	2 3/4	2 7/8
	DN50	x	76.1	—	146	64	67	—	150	70	73
	2	3			5.75	2 1/2	2 5/8	6.10	—	3 1/2	3 5/8
	DN50	x	DN80	—	146	64	67	155	—	89	92
	2	4			5.75	2 1/2	2 5/8	6.20	—	4 1/2	4 5/8
	DN50	x	DN100	—	146	64	67	157	—	114	117
	76.1				5.92	2 3/4	2 7/8	—	5.92	2 3/4	2 7/8
	x	76.1		—	150	70	73	—	150	70	73
	76.1	3			5.92	2 3/4	2 7/8	6.10	—	3 1/2	3 5/8
	x	DN80	—	—	150	70	73	155	—	89	92
8 200	2	2			5.75	2 1/2	2 5/8		5.75	2 1/2	2 5/8
	DN50	x	DN50	—	146	64	67	—	146	64	67
	2				5.75	2 1/2	2 5/8		5.92	2 3/4	2 7/8
	DN50	x	76.1	—	146	64	67	—	150	70	73
	2	3			5.75	2 1/2	2 5/8	6.10	—	3 1/2	3 5/8
	DN50	x	DN80	—	146	64	67	155	—	89	92
	2	4			5.75	2 1/2	2 5/8	6.20	—	4 1/2	4 5/8
	DN50	x	DN100	—	146	64	67	157	—	114	117
	76.1				5.92	2 3/4	2 7/8	—	5.92	2 3/4	2 7/8
	x	76.1		—	150	70	73	—	150	70	73
	76.1	3			5.92	2 3/4	2 7/8	6.10	—	3 1/2	3 5/8
	x	DN80	—	—	150	70	73	155	—	89	92
8 200	2	2			5.75	2 1/2	2 5/8		5.75	2 1/2	2 5/8
	DN50	x	DN50	—	146	64	67	—	146	64	67
	2				5.75	2 1/2	2 5/8		5.92	2 3/4	2 7/8
	DN50	x	76.1	—	146	64	67	—	150	70	73
	2	3			5.75	2 1/2	2 5/8	6.10	—	3 1/2	3 5/8
	DN50	x	DN80	—	146	64	67	155	—	89	92
	2	4			5.75	2 1/2	2 5/8	6.20	—	4 1/2	4 5/8
	DN50	x	DN100	—	146	64	67	157	—	114	117
	76.1				5.92	2 3/4	2 7/8	—	5.92	2 3/4	2 7/8
	x	76.1		—	150	70	73	—	150	70	73
	76.1	3			5.92	2 3/4	2 7/8	6.10	—	3 1/2	3 5/8
	x	DN80	—	—	150	70	73	155	—	89	92

⁴ Victaulic female threaded products are designed to accommodate BSPT and NPT male pipe threads. Refer to the specific literature for these types of special male-threaded products for guidance and possible limitations for use. Failure to verify suitability in advance may result in assembly problems or leakage.

5.0 PERFORMANCE

Flow Data

Flow test data has shown that the total head loss between point (1) and (2) for the Style 927 *Mechanical-T* fittings can best be expressed in terms of the pressure difference across the inlet and branch. The pressure difference can be obtained from the relationship below.

C_v/K_v values for flow of water at +60°F/+16°C are shown in the table.

Formulas for C_v/K_v Values:

$$\Delta P = \frac{Q^2}{C_v^2}$$

$$Q = C_v \times \sqrt{\Delta P}$$

Where:

Q = Flow (GPM)

ΔP = Pressure Drop (psi)

C_v = Flow Coefficient

$$\Delta P = \frac{Q^2}{K_v^2}$$

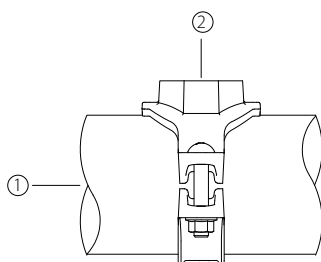
$$Q = K_v \times \sqrt{\Delta P}$$

Where:

Q = Flow (m³/hr)

ΔP = Pressure Drop (Bar)

K_v = Flow Coefficient



Exaggerated for clarity

Outlet Size		Equivalent Length of Outlet Size Carbon Steel Pipe		C _v /K _v Values	
Normal	Actual Outside Diameter	Threaded	Grooved	Threaded	Grooved
inches DN	inches mm	feet meters	feet meters		
1/2 DN15	0.840 21.3	2.0 0.6	–	11.0 9.5	–
3/4 DN20	1.050 26.9	4.0 1.2	–	16.0 13.8	–
1 DN25	1.315 33.7	8.0 2.4	–	21.0 18.2	–
1 1/4 DN32	1.660 42.4	6.0 1.8	–	48.0 41.5	–
1 1/2 DN40	1.900 48.3	11.0 3.4	–	53.0 45.8	–
2 DN50	2.375 60.3	10.5 3.2	9.0 2.7	104.0 90.0	112.0 96.9
DN65	3.000 76.1	12.5 3.8	16.0 4.9	150.0 129.8	161.0 139.3
3 DN80	3.500 88.9	15.5 4.7	14.0 4.3	237.0 205.0	249.0 215.4
4 DN100	4.500 114.3	–	20.0 6.1	–	421.0 364.2

6.0 NOTIFICATIONS



 **WARNING**

- Read and understand all instructions before attempting to install, remove, adjust, or maintain any Victaulic piping products.
- Depressurize and drain the piping system before attempting to install, remove, adjust, or maintain any Victaulic piping products.
- Wear safety glasses, hardhat, foot protection and ear protection.
- Must be installed so that the main and branch connections are a true 90° angle.

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

7.0 REFERENCE MATERIALS

[I-927: Style 927 FireLock™ Mechanical-T Bolted Branch Outlet Installation Instructions](#)

User Responsibility for Product Selection and Suitability

Each user bears final responsibility for making a determination as to the suitability of Victaulic products for a particular end-use application, in accordance with industry standards and project specifications, and the applicable building codes and related regulations as well as Victaulic performance, maintenance, safety, and warning 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, installation guide, or this disclaimer.

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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.

Installation

Reference should always be made to the [Victaulic installation handbook](#) or installation instructions of 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 WeChat.

Warranty

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

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