Victaulic Carbon Steel Press System

SEE VICTAULIC PUBLICATION 10.01 FOR DETAILS

The Victaulic Carbon Steel Press System offers economy, speed and reliability for joining small diameter pipe for fire protection, heating/air conditioning and many other services.

Victaulic Carbon Steel Press products for carbon steel pipe are externally zinc electroplated. It is the responsibility of designers of piping systems to verify that an adequate corrosion allowance, corrosion inhibitors or experience confirms system life will be adequate for the intended service. Schedule 5 carbon steel pipe compatible with Pressfit products provides corrosion resistance equivalent to ASTM A53, A135 and A795 pipe.

The system incorporates Schedule 5 steel pipe from ¾ – 2"/20 – 50mm, with a system of Victaulic Carbon Steel Press couplings, elbows, tees, reducers and adapters. This system allows pipe assembly in seconds. A portable, hand-held tool assembles the fitting on the pipe with a permanent mechanical attachment.

Victaulic Carbon Steel Press System products for carbon steel are acceptable for use in mechanical systems in accordance with BOCA, SBCCI, ICBO (UMC) and ICC (IMC) mechanical codes. Request BOCA-ES research report No. 93-3, SBCCI-ES report No. 9535 and ICBO-ES report No. 5079 for details.

Victaulic Carbon Steel Press System products are UL/ ULC Listed and FM Approved for 175 psi/1200 kPa fire protection service. UL/ULC and FM ratings apply only to Listed or Approved Schedule 5 carbon steel pipe installed with Victaulic Carbon Steel Press fittings by a UL/ ULC Listed and FM Approved Victaulic Carbon Steel Press tool. The Victaulic Carbon Steel Press System is also rated to 300 psi/2065 kPa for other general service closed loop systems.

For product installation instructions, refer to Victaulic Carbon Steel Press System Product Assembly Instructions (I-500) and the appropriate Tool Operating and Maintenance Instructions Manual.

JOB/OWNER

System No. _____

Location _____

CONTRACTOR

Submitted By _____

Date _____

ENGINEER

Spec Sect _____ Para _____

Approved _____

Date _____

www.victaulic.com

Victaulic Carbon Steel Press System

MATERIAL SPECIFICATIONS

Housing Body: Precision cold drawn carbon steel conforming to Victaulic specifications. Zinc electroplated conforming to ASTM B-633 (external only).

Threaded Outlets: ASTM A-53 pipe or steel bar conforming to ASTM A-108.

O-Ring Seals: (Specify choice on order) O-ring seals shall be molded of synthetic rubber.

- **Grade "E" EPDM**
  EPDM (Green color code). Temperature range –30°F to +230°F/–34°C to +110°C. Recommended for hot water service within the specified temperature range plus a variety of dilute acids, compressed air and many chemical services. NOT RECOMMENDED FOR PETROLEUM SERVICES. NOT RECOMMENDED FOR STEAM SERVICES.

- **Grade "T" nitrile**
  Nitrile (Orange color code). Temperature range –20°F to +180°F/–29°C to +82°C. Recommended for petroleum products, vegetable and mineral oils within the specified temperature range; except hot, dry air over +140°F/+60°C and water over +150°F/+66°C. NOT RECOMMENDED FOR HOT WATER SERVICES.

- **Grade "O" fluoroelastomer**
  Fluoroelastomer (Blue color code). Temperature range +20°F to +300°F/–7°C to +149°C. Recommended for many oxidizing acids, petroleum oils, halogenated hydrocarbons, lubricants, hydraulic fluids, organic liquids and air with hydrocarbons to +300°F/+149°C.

* Services listed are General Service Recommendations only. It should be noted that there are services for which these o-rings are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific o-ring service recommendations and for a listing of services which are not recommended.

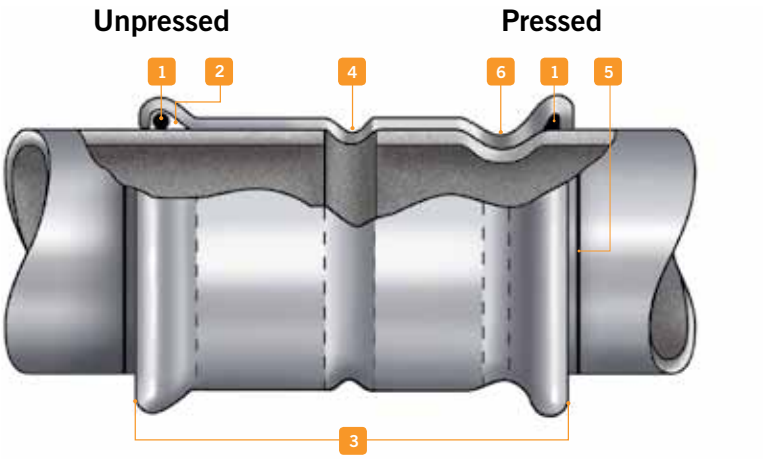
WARNING

⚠ WARNING

- **Carbon Steel Press Connection products must only be used on services compatible with o-ring and fitting materials. Incompatible services may result in leakage. For services not listed or special services, contact Victaulic for recommendations.**

VICTAULIC CARBON STEEL PRESS SYSTEM COMPONENTS

1. O-RING
2. O-RING POCKET
3. HOUSING
4. PIPE STOP
5. INSERTION MARK
6. TOOL INDENT



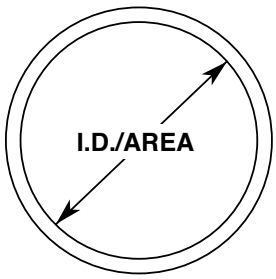
Exaggerated for clarity

Victaulic Carbon Steel Press System

FRICTION LOSS

Size		Flow Rate	Friction Loss – (psi Per Ft./ kPa/m) C = 120				
				Schedule 10		Schedule 40	
Nom. Size Inches mm	Actual Out. Dia. Inches mm	GPM/LPM	Sch. 5	psi/Ft. kPa m	Higher	psi/Ft. kPa m	Higher
¾ 20	1.050 26.7	25 94.6	0.3713 8.4	0.4510 10.2	21%	0.6351 14.4	71%
1 25	1.315 33.7	40 151.4	0.2584 5.9	0.3773 8.5	46%	0.4691 10.6	82%
1¼ 32	1.660 42.4	100 378.5	0.4062 9.2	0.5426 12.3	34%	0.6721 15.2	82%
1½ 40	1.900 48.3	120 454.2	0.2800 6.3	0.3592 8.1	28%	0.4445 10.1	59%
2 50	2.375 60.3	150 567.8	0.1330 3.0	0.1616 3.7	22%	0.1989 4.5	50%

FLOW AREA



Schedule 5 stainless steel pipe provides larger flow area and greater capacity frequently permitting pipe downsizing.

Size		Available Flow Area (Sq. Inches/mm²)				
			Schedule 10		Schedule 40	
Nom. Size Inches mm	Actual Out. Dia. Inches mm	Sch. 5	Flow Area	Less	Flow Area	Less
¾ 20	1.050 26.7	0.655 422.5	0.614 396.0	8%	0.533 343.8	20%
1 25	1.315 33.7	1.103 711.4	0.945 609.5	14%	0.864 557.3	22%
1¼ 32	1.660 42.4	1.839 1186.2	1.633 1053.3	11%	1.496 964.9	19%
1½ 40	1.900 48.3	2.461 1587.3	2.222 1433.2	10%	2.036 1313.2	17%
2 50	2.375 60.3	3.960 2554.2	3.650 2354.3	8%	3.360 2167.2	15%

VICTAULIC CARBON STEEL PRESS SYSTEM

F - 014 505 Z E P

Fitting	Size	Part	Material	O-ring	Ends
F = Carbon Steel Press Connection	SEE LIST BELOW	Carbon Steel Press Connection Part Number	X = Stainless Steel Z = Carbon Steel, Externally electroplated	E - EPDM T - Nitrile O - Fluoroelastomer 2 - No o-ring (Use for plain end only)	P = Carbon Steel Press Connection F = Female Pipe Thread M = Male Pipe Thread T = Plain End L = Flanged G = Grooved C = Cup

Carbon Steel Press Connection Sizes

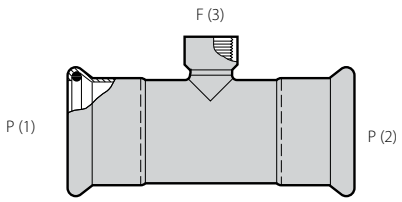
004 = ½	A59 = ¾ x ½	B02 = 1¼ x ½	B11 = 1¼ x 1¼ x 1	B36 = 1½ x 1½ x ¾	J55 = 1½ x 1 x ½
006 = ¾	A61 = ¾ x 1	B04 = 1¼ x ¾	B26 = 1½ x ½	B37 = 1½ x 1½ x 1	J56 = 1½ x 1¼ x ¾
010 = 1	K26 = 1 x ½	B05 = 1¼ x 1	B28 = 1½ x ¾	FB59 = 2 x ¾	J57 = 2 x 1½ x ½
012 = 1¼	A83 = 1 x ¾	B06 = 1¼ x 1 x ¾	B29 = 1½ x 1	FB60 = 2 x 1	J58 = 2 x 1½ x ¾
014 = 1½	K46 = 1 x 1 x ½	B07 = 1¼ x 1 x 1	B31 = 1½ x 1¼	B64 = 2 x 1¼	J59 = 2 x 1½ x 1
020 = 2	A84 = 1 x 1 x ¾	B09 = 1¼ x 1¼ x ½	B32 = 1½ x 1¼ x ½	B67 = 2 x 1½	
		B10 = 1¼ x 1¼ x ¾	B38 = 1½ x 1¼ x 1	B71 = 2 x 2 x ½	
				B72 = 2 x 2 x ¾	
				B73 = 2 x 2 x 1	

Victaulic Carbon Steel Press System

Dimensional Information

As self-contained mechanical fittings, products in the Victaulic Carbon Steel Press System have unique center-to-end or end to-end dimensions which incorporate specific, uniform “take-out” dimensions for easy fabrication calculations.

Victaulic female threaded products are designed to accommodate standard ANSI male pipe threads only. Use of products employing special features such as, probes, dry pendant sprinkler heads, escutcheon cups, etc., should be checked to be certain the thread standards and length of insertion are compatible with fitting dimensions. Failure to verify suitability in advance may result in difficulties in assembly or leakage.

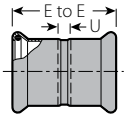


END TYPE CODE

P = Carbon Steel Press Connection
F = Female Pipe Thread
M = Male Pipe Thread
T = Plain End
L = Flanged
G = Grooved
W = Welded

Standard Coupling

STYLE 505 (P × P)

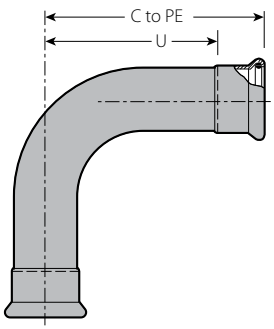


STYLE 505

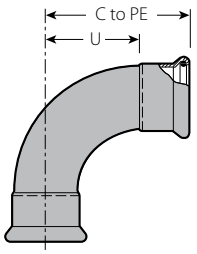
Size		Dimensions – Inches/mm		Approx. Weight Each
Nominal Size Inches mm	Actual Outside Diameter Inches mm	E to E	U Takeout	Lbs. kg
¾ 20	1.060 26.7	2.17 55	0.28 7	0.2 0.1
1 25	1.315 33.7	2.44 62	0.39 10	0.2 0.1
1¼ 32	1.660 42.4	2.76 70	0.39 10	0.3 0.1
1½ 40	1.900 48.3	3.15 80	0.32 8	0.4 0.2
2 50	2.375 60.3	3.94 100	0.33 8	0.7 0.3

Elbows

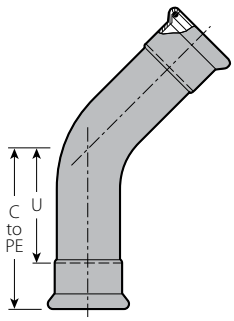
STYLE 510 90° Elbow (P × P)
STYLE 509 Short Tangent 90° Elbow (P × P)
STYLE 511 45° Elbow (P × P)



STYLE 510



STYLE 509



STYLE 511

Size		Style 510 90° Elbow			Style 509 Short Tangent 90° Elbow			Style 511 45° Elbow		
Nominal Size Inches mm	Actual Outside Diameter Inches mm	C to PE Inches mm	U Takeout Inches mm	Approx. Weight Each Lbs. kg	C to PE Inches mm	U Takeout Inches mm	Approx. Weight Each Lbs. kg	C to PE Inches mm	U Takeout Inches mm	Approx. Weight Each Lbs. kg
¾ 20	1.050 26.7	3.43 87	2.48 63	0.4 0.2	2.83 72	1.88 48	0.3 0.2	2.44 62	1.5 38	0.3 0.1
1 25	1.315 33.7	4.33 110	3.31 84	0.6 0.3	3.36 85	2.34 59	0.5 0.2	3.11 79	2.09 53	0.5 0.2
1¼ 32	1.660 42.4	5.79 147	4.60 117	1.1 0.5	4.02 102	2.83 72	0.8 0.4	4.25 108	3.07 78	0.9 0.4
1½ 40	1.900 48.3	6.73 171	5.32 135	1.4 0.6	4.60 117	3.19 81	1.0 0.5	5.00 127	3.59 91	1.3 0.6
2 50	2.375 60.3	8.19 208	6.38 162	2.3 1.0	5.71 145	3.90 99	1.5 0.7	6.02 153	4.22 107	2.0 0.9

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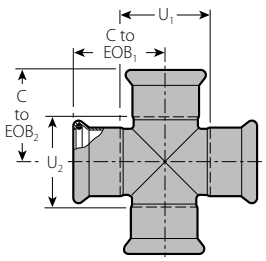
Cross

STYLE 535 (P × P)

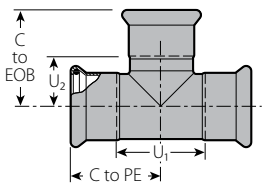


STYLE 535

Dimensions – Inches/mm						Approx. Weight Each
Nominal Size Inches mm	Actual Out. Dia. Inches mm	C to EOB1	U1	C to EOB2	U2	Lbs. kg
¾ 20	1.050 26.7	1.90 48	1.89 48	1.80 46	1.70 43	0.4 0.2
1 25	1.315 33.7	2.10 53	2.16 55	2.10 53	2.16 55	0.5 0.2
1¼ 32	1.660 42.4	2.40 61	2.42 62	2.50 64	2.62 67	0.7 0.3
1½ 40	1.900 48.3	2.80 71	2.78 71	2.80 71	2.78 71	0.9 0.4
2 50	2.375 60.3	3.40 86	3.17 81	3.60 91	3.58 91	1.4 0.6

Tee

STYLE 520 (P × P × P)

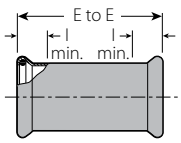


STYLE 520

Dimensions – Inches/mm						Approx. Weight Each
Nominal Size Inches mm	Actual Out. Dia. Inches mm	C to PE	U1	C to EOB	U2	Lbs. kg
¾ 20	1.050 26.7	1.89 48	1.89 48	1.89 48	0.95 24	0.3 0.1
1 25	1.315 33.7	2.11 54	2.17 55	2.15 55	1.13 29	0.4 0.2
1¼ 32	1.660 42.4	2.44 62	2.51 64	2.48 63	1.29 33	0.6 0.3
1½ 40	1.900 48.3	2.76 70	2.69 68	2.80 71	1.39 35	0.9 0.4
2 50	2.375 60.3	3.39 86	3.17 81	3.62 92	1.81 46	1.4 0.6

Slip Coupling

STYLE 506 (P × P)



STYLE 506

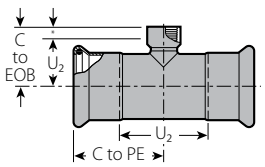
Size		Dimensions – Inches/mm		Approx. Wgt. Each
Nominal Size Inches mm	Actual Outside Dia. Inches mm	E to E	l Min. Tube Insert	Lbs. kg
¾ 20	1.050 26.7	3.54 90	1.00 25	0.2 0.1
1 25	1.315 33.7	3.94 100	1.00 25	0.3 0.1
1¼ 32	1.660 42.4	4.33 110	1.00 25	0.4 0.2
1½ 40	1.900 48.3	4.72 120	1.00 25	0.6 0.3
2* 50	2.375 60.3	5.51 140	1.25 32	0.9 0.4

Victaulic Carbon Steel Press System

STYLE 520 (P × P × F)

Tee with Reducing Branch

STYLE 520 (P × P × F)



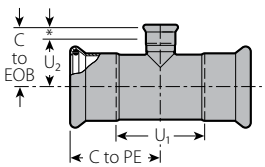
STYLE 520

Size					Dimensions – Inches/mm				Approx. Weight Each
Nominal Size Inches mm					C to PE	U1	C to EOB	U2	Lbs. kg
¾ 20	×	¾ 20	×	½ 15	1.89 48	1.89 48	1.70 43	1.17 30	0.3 0.1
1 25	×	1 25	×	½ 15	2.11 54	2.17 55	1.68 43	1.15 29	0.4 0.2
				¾ 20	2.11 54	2.17 55	1.68 43	1.13 29	0.5 0.2
				1 25	2.11 54	2.17 55	2.00 51	1.32 34	0.6 0.2
1¼ 32	×	1¼ 32	×	½ 15	2.44 62	2.51 64	1.86 47	1.33 34	0.6 0.3
				¾ 20	2.44 62	2.51 64	1.86 47	1.31 33	0.6 0.3
				1 25	2.44 62	2.51 64	2.08 53	1.40 36	0.7 0.3
1½ 40	×	1½ 40	×	½ 15	2.76 70	2.69 68	1.98 51	1.45 37	0.8 0.4
				¾ 20	2.76 70	2.69 68	1.90 48	1.35 34	0.9 0.4
				1 25	2.76 70	2.69 68	2.20 56	1.62 41	0.9 0.4
2 50	×	2 50	×	½ 15	3.39 86	3.16 80	2.21 56	1.68 43	1.1 0.5
				¾ 20	3.39 86	3.16 80	2.10 53	1.55 39	1.2 0.5
				1 25	3.39 86	3.16 80	2.43 62	1.75 45	1.3 0.6

*Effective length of threads.

Tee with Reducing Branch

STYLE 520 (P × P × P)

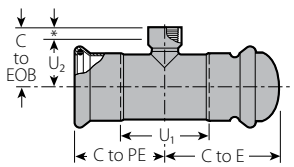


STYLE 576

Size			Dimensions – Inches/mm				Approx. Weight Each
Nominal Size Inches mm			C to PE	U1	C to EOB	U2	Lbs. kg
1 25	×	¾ 20	2.11 54	2.17 55	2.03 52	1.08 27	0.4 0.2
1¼ 32	×	¾ 20	2.44 62	2.51 64	2.10 53	1.15 29	0.6 0.3
		1 25	2.44 62	2.51 64	2.20 56	1.18 30	0.6 0.3
1½ 40	×	¾ 20	2.76 70	2.69 68	2.20 56	1.25 32	0.7 0.3
		1 25	2.76 70	2.69 68	2.44 62	1.42 36	0.8 0.4
2 50	×	¾ 20	3.39 86	3.16 80	2.40 61	1.45 37	1.1 0.5
		1 25	3.39 86	3.16 80	2.60 66	1.58 40	1.1 0.5
		1½ 40	3.39 86	3.16 80	3.00 76	1.58 40	1.2 0.5

End-of-Line Tee

STYLE 520 (P × C × F)



STYLE 520

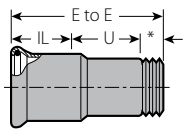
Size			Dimensions – Inches/mm					Approx. Weight Each
Nominal Size Inches mm			C to PE	U1	C to EOB	U2	C to E	Lbs. kg
1 25	×	@ @	2.11 54	2.17 55	@ @	@ @	2.90 74	0.2 † 0.1
1¼ 32	×	@ @	2.44 62	2.51 64	@ @	@ @	3.30 84	0.2 † 0.1
1½ 40	×	@ @	2.76 70	2.69 68	@ @	@ @	3.60 91	0.3 † 0.1
2 50	×	@ @	3.39 86	3.16 80	@ @	@ @	4.20 107	0.4 † 0.2

@ Factory assembled cap is added to Style 520 tee with (A) threaded reducing branch or (B) Pressfit reducing branch. Specify run size, outlet size and outlet style (threaded or Pressfit) on order.
† Add weight of cap to selected reducing tee.
*Effective length of threads.

Victaulic Carbon Steel Press System

Male Threaded Adapter

STYLE 580 (P × M)

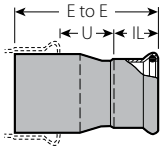


STYLE 580

Size			Dimensions – Inches/mm			Approx. Weight Each
Nominal Size Inches mm			E to E	U Takeout	IL Insert. Length	Lbs. kg
¾ 20	×	½ 15	2.53 64	1.05 27	0.95 24	0.3 0.1
		¾ 20	2.53 64	1.03 26	0.95 24	0.4 0.2
		1 25	2.84 72	1.21 31	0.95 24	0.4 0.2
1 25	×	¾ 20	2.65 67	1.08 27	1.02 26	0.4 0.2
		1 25	2.96 75	1.26 32	1.02 26	0.5 0.2
1¼ 32	×	1¼ 32	3.13 80	1.23 31	1.19 30	0.6 0.3
1½ 40	×	1½ 40	3.35 85	1.22 31	1.42 36	0.8 0.4
2 50	×	2 50	3.93 100	1.36 35	1.81 46	1.2 0.5

Reducer Insert

STYLE 550 (T × P)

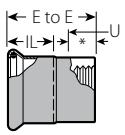


STYLE 550

Size			Dimensions – Inches/mm			Approx. Weight Each
Nominal Size Inches mm			End to End	U Takeout	IL Insert. Length	Lbs. kg
1 25	×	¾ 20	2.95 75	0.98 25	0.95 24	0.2 0.1
1¼ 32	×	¾ 20	3.50 89	1.37 35	0.95 24	0.3 0.1
		1 25	3.31 84	1.10 28	1.02 26	0.3 0.1
1½ 40	×	1 25	3.66 93	1.22 31	1.02 26	0.4 0.2
		1¼ 32	3.66 93	1.06 27	1.19 30	0.4 0.2
2 50	×	1¼ 32	4.33 110	1.34 34	1.19 30	0.5 0.2
		1½ 40	4.33 110	1.11 28	1.42 36	0.6 0.3

Female Threaded Adapter

STYLE 580 (P × F)



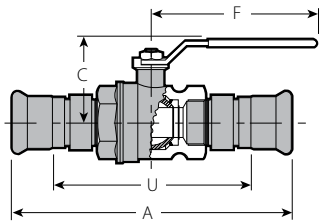
STYLE 580

Size			Dimensions – Inches/mm			Approx. Weight Each
Nominal Size Inches mm			E to E	U Takeout	IL Insert. Length	Lbs. kg
¾ 20	×	½ 15	1.84 47	0.36 9	0.95 24	0.2 0.1
		¾ 20	2.16 55	0.67 17	0.95 24	0.3 0.1
1 25	×	½ 15	1.96 50	0.40 10	1.02 26	0.4 0.2
		¾ 20	1.96 50	0.39 10	1.02 26	0.4 0.2
		1 25	2.46 63	0.75 19	1.02 26	0.4 0.2

Victaulic Carbon Steel Press System

Brass Body Ball Valve with Carbon Steel Pressfit Ends

STYLE 522 (P × P)



STYLE 522

Size		Dimensions – Inches/mm					Approx. Weight Each
Nominal Size Inches mm	Actual Outside Diameter Inches mm	E to E A	C	F	Takeout U	C_v (Full Open)	Lbs. kg
¾ 20	1.050 26.7	6.50 165	1.79 45	3.78 96	4.61 117	4.61	1.3 0.6
1 25	1.315 33.7	7.62 194	1.95 50	3.78 96	5.57 142	4.61	2.0 0.9
1¼ 32	1.660 42.4	8.20 208	2.17 55	3.78 96	5.82 148	4.61	2.8 1.3
1½ 40	1.900 48.3	9.00 229	2.68 68	5.43 138	6.17 157	4.61	3.7 1.7
2 50	2.375 60.3	10.70 272	2.89 73	5.43 138	7.09 180	4.61	4.7 2.1

Victaulic Carbon Steel Press System

SERIES 522 MATERIAL SPECIFICATIONS

Valve Body: Forged Brass ASTM B-16

Ball: Brass ASTM B-16, chrome plated

Stem: Brass ASTM B-16, chrome plated

Seats: (TFE) Tetrafluoroethylene, rated to +450°/+232°C

Handle: Carbon steel, zinc plated

Stem Nut: Carbon steel, zinc plated

Stem Washer: (TFE) Tetrafluoroethylene

O-Ring: Fluoroelastomer

Pressfit Ends: Precision cold drawn carbon steel conforming to Victaulic specifications. Zinc electroplated conforming to ASTM B-633 (external only)

O-Ring Seals: (Specify choice*) O-ring seals shall be molded of synthetic rubber.

- **Grade "E" EPDM**
  EPDM (Green color code). Temperature range –30°F to +230°F/–34°C to +110°C. Recommended for hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. UL Classifed in accordance with ANSI/NSF 61 for cold +86°F/+30°C and hot +180°F/+82°C potable water service. NOT RECOMMENDED FOR PETROLEUM SERVICES.

- **Grade "T" nitrile**
  Nitrile (Orange color code). Temperature range –20°F to +180°F/–29°C to +82°C. Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. Not recommended for hot water services over +150°F/+66°C or for hot dry air over +140°F/+60°C.

- **Grade "O" fluoroelastomer**
  Fluoroelastomer (Blue color code). Temperature range +20°F to +300°F/–7°C to +149° . Recommended for many oxidizing acids, petroleum oils, halogenated hydrocarbons, lubricants, hydraulic fluids, organic liquids and air with hydrocarbons within the specified temperature range.

* Services listed are General Service Recommendations only. It should be noted that there are services for which these o-rings are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific gasket service recommendations and for a listing of services which are not recommended.

WARNING

⚠ WARNING

- **Carbon Steel Press Connection products must be used only on services compatible with o-ring and fitting material. Incompatible services may result in leakage. For services not listed or special services, contact Victaulic for recommendations.**

Victaulic Carbon Steel Press System

APPROVED PIPE

Products in the Victaulic Carbon Steel Press System are easily installed on approved Schedule 5 carbon steel pipe using the Pressfit tool.

The Victaulic Carbon Steel Press System requires no special preparation of the pipe ends before assembly. Pipe should be square cut (±0.030") and deburred, if required, to prevent damage to the o-ring during assembly.

For product installation instructions, refer to Victaulic Carbon Steel Press System Product Assembly Instructions (I-500) and the appropriate Tool Operating and Maintenance Instructions Manual.

CAUTION

⚠ CAUTION

- **It is the responsibility of designers of piping systems to verify the suitability of Schedule 5 Type 316 stainless steel pipe for use with the intended fluid media. The fluid's chemical composition, pH level, operating temperature, chloride level, oxygen level and flow rate and their effect on AISI Type 316 stainless steel must be evaluated by the material specifier to confirm system life will be adequate for the intended service.**

Failure to do so may cause serious personal injury or property damage.

Victaulic Carbon Steel Press System carbon steel products are designed for use only on approved Schedule 5 carbon steel pipe having a maximum yield strength of 45,000 psi/310000 kPa and maximum hardness of R_b70.

PIPE SUPPORT

Piping joined with Victaulic Carbon Steel Press System products, like all other piping systems, requires support to carry the weight of pipes and equipment. As for other methods of joining pipes, the support or hanging method must be such as to eliminate undue stresses on joints, piping and other components. Additionally, the method of support must be such as to allow movement of the pipes where required and to provide drainage, etc., as may be specified by the designer.

The maximum hanger spacing corresponds to UL/ULC/FM and ASME B31.1 or B31.9 as noted and should be used with Victaulic Pressfit system products on approved carbon steel pipe.

Pipe Size		Suggested Max. Span Between Supports - Feet/meters				
Nominal Size Inches mm	Actual Out. Dia. Inches mm	Water Service			Gas/Air Service	
		UL/ULC/FM*	B31.1	B31.9	B31.1	B31.9
¾ 20	1.050 26.7	– –	7 2.1	8 2.4	9 2.7	8 2.4
1 25	1.315 33.7	12 3.7	7 2.1	9 2.7	9 2.7	9 2.7
1¼ 32	1.660 42.4	12 3.7	7 2.1	11 3.4	9 2.7	11 3.4
1½ 40	1.900 48.3	12 3.7	7 2.1	12 3.7	9 2.7	13 4.0
2 50	2.375 60.3	12 3.7	10 3.1	13 4.0	13 4.0	15 4.6

Victaulic Carbon Steel Press System

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.