

Approved Products for Fire Protection Piping Systems

This product submittal contains approvals of the following Victaulic piping products for the below-listed projects:

Victaulic products are Underwriter's Laboratory (UL) Listed and/or Factory Mutual System (FM) Approved for fire protection systems, according to the services and pressure ratings listed on the following pages. Fire protection systems (automatic sprinklers, open sprinklers, and standpipe) are UL Listed and/or FM Approved.

The following charts contain the latest Listing and Approval information available at the time of this publication. Listings are subject to changes and

additions by the approval bodies. Use these charts for quick reference, and consult current copies of UL's "Fire Protection Equipment Directory" or FM's "Approval Guide" for verification.

Products are UL Listed and FM Approved with standard grade "E" (EPDM) green color-code gaskets.

FireLock products are UL Listed/FM Approved with grade "E," type "A" violet color-code gaskets.

Grade "L" (silicone) orange gaskets are available for

selected products, and they are UL Listed and FM Approved.

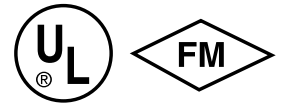
Victaulic recommends grade "L" (silicone) gaskets for FIT products in dry fire protection applications subject to temperatures below 0°F.

Additionally, the UL Listed, grade "T" (nitrile) orange color-code gaskets are available.

Style 31 Couplings contain grade "M" FlushSeal® gaskets. Style 341 Vic-Flange® adapters contain grade "M" gaskets.

Always reference the latest Victaulic Gasket Selection Guide for specific, gasket-service recommendations.

NOTE: This publication is for submittal purposes, and it includes listings of products for fire protection services. Additional literature is available, which includes application, installation, assembly, and other information. Contact Victaulic for specific recommendations and other information.



JOB/OWNER	CONTRACTOR	ENGINEER
System No. _____	Submitted by _____	Spec. Sect. _____ Para. _____
Location _____	Date _____	Approved _____
		Date _____

FireLock™ Automatic Sprinklers

Qty.	Product	Pub. No.	Sys. No. (s)
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STANDARD COMMERCIAL

	Models V2703, V2704, V2707 and V2708 Standard Orifice – K5.6 Upright, Pendant and Recessed Pendant	40.10	
	Models V2709 and V2710 Standard Orifice – K5.6 Horizontal Sidewall and Recessed Horizontal Sidewall	40.11	
	Models V2703, V2704, V2707 and V2708 High Pressure (250 PSI) – K5.6 Upright, Pendant and Recessed Pendant	40.13	
	Models V2709 and V2710 High Pressure (250 PSI) – K5.6 Horizontal Sidewall and Recessed Horizontal Sidewall	40.14	
	Models V3401, V3402, V3405 and V3406 Large Orifice – K8.0 Upright, Pendant and Recessed Pendant	40.15	
	Models V3409 and V3410 Large Orifice – K8.0 Horizontal Sidewall and Recessed Sidewall	40.16	

STORAGE

	Models V3403, V3404, V3407 and V3408 Extra Large Orifice (ELO) – K11.2 (Specific Application) Upright and Pendant	40.20	
	Models V2721, V2722, V2723 and V2724 Intermediate Level – Standard Orifice – K5.6 Upright and Pendant	40.22	
	Models V3417, V3418, V3419 and V3420 Intermediate Level – Large Orifice – K8.0 Upright and Pendant	40.23	
	Model K1 (AS1451) "Automatic" Sprinkler Brand Early Suppression Fast Response (ESFR), Pendant, K14.0	40.24	

EXTENDED COVERAGE

	Models V3411 and V3412 Extended Coverage/Light Hazard (ECLH) – K11.2 Pendant and Recessed Pendant	40.30	
	Models V3413 and V3414 Extended Coverage/Light Hazard (ECLH) – K14.0 Pendant and Recessed Pendant	40.31	
	Models V3415 and V3416 Extended Coverage/Light Hazard (ECLH) – K8.0 Horizontal Sidewall and Recessed Sidewall	40.33	

SMALL ORIFICE

	Models V2701, V2702, V2705 and V2706 Light Hazard – Small Orifice – K2.8 Upright, Pendant and Recessed Pendant	40.40	
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RESIDENTIAL

	Models V2714 and V2716 Residential – K3.0/K3.5 Pendant and Recessed Pendant	40.45	
	Model V2718 Residential – K3.5 Horizontal Sidewall and Recessed Horizontal Sidewall	40.46	
	Model V2802 Residential – K4.2 Flush Pendant	40.48	

Qty.	Product	Pub. No.	Sys. No. (s)
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DECORATIVE

	Models V3801 and V3802 Adjustable Concealed – K5.6 Standard Pendant	40.50	
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ACCESSORIES

	Models V27, V34, V38 & V38-3 Sprinkler Wrenches	40.80	
	Spare Sprinkler Cabinets	40.81	

TEMPERATURE RATINGS

Victaulic Part Identification	Temperature – °F/°C		Glass Bulb Color
	Nominal Temperature Rating	Maximum Ambient Temp. Allowed	
A	135 57	100 38	Orange
C	155 68	100 38	Red
E	175 79	150 65	Yellow
F	200 93	150 65	Green
J	286 141	225 107	Blue
K	360 182	300 149	Mauve
M	Open	– –	No Bulb
N	162 72	100 38	Fusible Metal

*Not all temperatures are available with all styles of sprinklers. Consult individual submittal sheets for specific information.

SPRINKLER FINISHES

Abbrev.	Victaulic Part Ident.	Finish	Abbrev.	Victaulic Part Ident.	Finish
BR	1	Plain	WX	5	Wax Coated
CP	2	Chrome	LD	6	Lead Coated
BB	3	Bright Brass	WL	7	Wax/Lead Coated
WH	4	White Painted	CSTM	8	Custom Painted

JOB/OWNER	CONTRACTOR	ENGINEER
System No. _____	Submitted by _____	Spec. Sect. _____ Para. _____
Location _____	Date _____	Approved _____
		Date _____

FireLock Products

Quan.	Product	Pub. No.	Sys. No.
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FIRELOCK™ FIRE PROTECTION PRODUCTS

	Style 005 FireLock™ Rigid Coupling	10.02	
	FireLock Fittings	10.03	
	Style 006 FireLock Cap	10.03	
	Style 744 FireLock Flange Adapter	10.04	
	No. 10-DR Drain Elbow	10.05	
	No. 66 Vic®-End End of Run Outlet Fitting	10.13	

IPS CARBON STEEL GROOVED COUPLINGS & FITTINGS

	Style 07 Zero-Flex Rigid Couplings	06.02	
	Style 77 Standard Flexible Coupling	06.04	
	Style 75 Coupling	06.05	
	Style 741 Vic®-Flange Adapter	06.06	
	Style 743 Vic-Flange Adapter	06.06	
	Style 750 Reducing Coupling	06.08	
	Style 72 Outlet Coupling	06.10	
	Style 791 Vic-Boltless® Coupling	06.11	
	Style HP-70 Rigid Coupling	06.12	
	HP-70ES Coupling (300 PSI maximum working pressure)	06.14	
	Grooved End Fittings	07.01	

FIRE PROTECTION GROOVED VALVES & ACCESSORIES

	Series 705W Fire Protection BFV	10.18	
	Series 705W Fire Protection BFV with Tap	10.18	
	Series 727 FireBall® Valve	10.07	
	Series 717 FireLock Check Valve	10.08	
	Series 717R FireLock Riser Check Valve	10.09	
	Series 722 Threaded Ball Valve	08.15	
	Series 751 FireLock™ Alarm Check Valve	10.30	
	Series 756 FireLock Dry Check Valve	10.35	
	Series 758 FireLock Deluge Trim	10.40	
	Series 758 FireLock Praction Trim	10.50	

IPS CARBON STEEL – PRESSFIT® SYSTEM

	Pressfit Products	12.02	
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Quan.	Product	Pub. No.	Sys. No.
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IPS CARBON STEEL HOLE CUT PRODUCTS

	Style 920 & 920N Mechanical-T®	11.02	
	Mechanical-T Cross Assemblies	11.03	
	Style 925 Snap-Let® Outlet	11.04	
	Style 923 Vic-Let™ Strapless Outlet	11.05	

GROOVED END ACCESSORIES

	Style 718/719 TestMaster™	10.10	
	Style 735 Fire Pump Test Meter	10.11	
	Style 720G/720T TestMaster™ II	10.22	

CTS COPPER TUBING – GROOVED PRODUCTS

	Style 606 Coupling	22.02	
	Style 641 Vic-Flange Adapter	22.03	
	Copper Fittings	22.04	

FIT® PIPING SYSTEM

	FIT Piping System Products	13.01	
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AWWA DUCTILE IRON – GROOVED PRODUCTS

	Style 31 Coupling	23.02	
	Style 307 Transition Coupling	23.03	
	Style 341 Vic-Flange Adapter	23.04	
	AWWA (Cast) Fittings	23.05	

IPS HDPE PLASTIC – PLAIN END

	Style 995 Coupling for HDPE Pipe	19.02	
	Style 997 Transition Coupling HDPE to Steel	19.03	
	Style 994 Flange for HDPE Pipe	19.04	

IPS CARBON STEEL – PLAIN END

	Style 99 Roust-A-Bout® Couplings	14.02	
	Style 90 Plainlock® Couplings	14.03	
	Plain End Fittings	14.04	

CPVC PRODUCTS

	CPVC Products	80.01	
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JOB/OWNER	CONTRACTOR	ENGINEER
System No. _____	Submitted by _____	Spec. Sect. _____ Para. _____
Location _____	Date _____	Approved _____
		Date _____

FireLock Automatic Sprinklers


40.01-1A

Sprinkler Head Type	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
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Standard Orifice – Light Hazard, Ordinary Hazard

 <p>V27 Frame – K5.6 Pendant Request 40.10</p>	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V2703	Upright	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2707	Pendent	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2707	Recessed Pendent	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2704	Upright	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2708	Pendent	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2708	Recessed Pendent	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 4


Standard Orifice – Horizontal Sidewall – Light Hazard, Ordinary Hazard

 <p>V27 Frame – K5.6 Sidewall Request 40.11</p>	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V2709	Horizontal Sidewall	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 3, 4
	V2709	Recessed Hor. Sidewall	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 3, 4
	V2710	Horizontal Sidewall	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 3, 4
V2710	Recessed Hor. Sidewall	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 3, 4	


Standard Orifice – High Press. (250 PSI/1725 kPa) – Light Hazard, Ordinary Hazard

 <p>V27 Frame – K5.6 Upright Request 40.13</p>	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V2703	Upright	Standard	A, C, E, F, J, K, M	1,2,3,4,8	UL, ULC	1, 2, 4
	V2707	Pendent	Standard	A, C, E, F, J, K, M	1,2,3,4,8	UL, ULC	1, 2, 4
	V2707	Recessed Pendent	Standard	A, C, E, F, J, K, M	1,2,3,4,8	UL, ULC	1, 2, 4
	V2704	Upright	Quick	A, C, E, F, J	1,2,3,4,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2708	Pendent	Quick	A, C, E, F, J	1,2,3,4,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2708	Recessed Pendent	Quick	A, C, E, F, J	1,2,3,4,8	UL, ULC, FM, MEA, CSFM	1, 2, 4


Standard Orifice - High Pres. (250 PSI/1725 kPa) - Hor. Side. - Light Hazard, Ordinary Hazard

 <p>V27 Frame – K5.6 Sidewall Request 40.14</p>	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V2709	Horizontal Sidewall	Standard	A, C, E, F, J, K, M	1,2,3,4,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2709	Recessed Hor. Sidewall	Standard	A, C, E, F, J, K, M	1,2,3,4,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V2710	Horizontal Sidewall	Quick	A, C, E, F, J, K	1,2,3,4,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
V2710	Recessed Hor. Sidewall	Quick	A, C, E, F, J, K	1,2,3,4,8	UL, ULC, FM, MEA, CSFM	1, 2, 4	

Large Orifice – Commercial – Light Hazard, Ordinary Hazard, Storage

 <p>V34 Frame – K8.0 Pendant Request 40.15</p>	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V3401	Upright	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V3405	Pendent	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V3405	Recessed Pendent	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V3402	Upright	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V3406	Pendent	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V3406	Recessed Pendent	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 4

Large Orifice – Commercial – Hor. Sidewall – Light Hazard, Ordinary Hazard

 <p>V34 Frame – K8.0 Sidewall Request 40.16</p>	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V3409	Horizontal Sidewall	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V3409	Recessed Hor. Sidewall	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
	V3410	Horizontal Sidewall	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 4
V3410	Recessed Hor. Sidewall	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM, MEA, CSFM	1, 2, 4	

TEMPERATURE RATINGS

Victaulic Part Identification	Temperature – °F/°C		Glass Bulb Color
	Nominal Temperature Rating	Maximum Ambient Temp. Allowed	
A	135 57	100 38	Orange
C	155 68	100 38	Red
E	175 79	150 65	Yellow
F	200 93	150 65	Green
J	286 141	225 107	Blue
K	360 182	300 149	Mauve
M	Open	–	No Bulb
N	162 72	100 38	Fusible Metal

*Not all temperatures are available with all styles of sprinklers. Consult individual submittal sheets for specific information.

SPRINKLER FINISHES

Abbrev.	Victaulic Part Ident.	Finish	Abbrev.	Victaulic Part Ident.	Finish
BR	1	Plain	CSTM	8	Custom Painted
CP	2	Chrome	WX	5	Wax Coated
BB	3	Bright Brass	LD	6	Lead Coated
WH	4	White Painted	WL	7	Wax/Lead Coated

AUTOMATIC SPRINKLER NOTES


- *Contact Victaulic for wax, lead, and wax-over-lead coatings.
- 1 – MEA Approved for V27 and V34 – 62-99-E.
- 2 – CSFM Listing for V27 and V34 – 7690-0531:112.
- 3 – FM Approved for light hazard only.
- 4 – Not all temperature ratings or finishes are approved or listed. Refer to current product submittals for specific information. V27 and V34 units are MEA (#62-99-E) and CSFM (#7690-0531:112) Listed.
- 5 – Recognized by FM as standard response only.
- 6 – Pendent – K3.0 for room sizes up to 16' x 16' (4.9 x 4.9 m); K3.5 for room sizes up to 18' x 18' (5.5 x 5.5 m) and 20' x 20' (6.1 x 6.1 m).
- 7 – Horizontal Sidewall – K3.5 for room sizes up to 16' x 16' (4.9 x 4.9 m).
- 8 – Cover "A" is rated for 135°F (57°C) for use with standard or quick response sprinklers rated 135°F and 155°F (57°C and 68°C). Cover "D" is rated for 165°F (74°C) for use with standard or quick response sprinklers rated 175°F and 200°F (79°C and 93°C). A proper temperature rated cover must be used with the correct sprinkler rating.

FireLock Automatic Sprinklers


40.01-1A

Sprinkler Head Type	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
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(ELO) Extra Large Orifice – Storage – All Hazard (Specific Appl.)

V34 Frame – K11.2		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
 <p>Pendent Request 40.20</p>	V3407	Pendent	Standard	A, C, E, F, J, M	1,5,6,7	UL, ULC, FM, MEA, CSFM	1, 2, 4	
	V3403	Upright	Standard	A, C, E, F, J, M	1,5,6,7	UL, ULC, FM, MEA, CSFM	1, 2, 4	
	V3408	Pendent	Quick	A, C, E, F, J	1,6	UL, ULC, FM, MEA, CSFM	1, 2, 4	
	V3404	Upright	Quick	A, C, E, F, J	1,6	UL, ULC, FM, MEA, CSFM	1, 2, 4	


Intermediate Level – Rack Storage

V27 Frame – K5.6		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
 <p>Upright Request 40.22</p>	V2723	Pendent	Standard	A, C, E, F, J, M	1	UL, ULC, FM	4	
	V2721	Upright	Standard	A, C, E, F, J, M	1	UL, ULC, FM	4	
	V2724	Pendent	Quick	A, C, E, F, J	1	UL, ULC, FM	4	
	V2722	Upright	Quick	A, C, E, F, J	1	UL, ULC, FM	4	


Large Orifice – Intermediate Level – Rack Storage

V34 Frame – K8.0		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
 <p>Pendent Request 40.23</p>	V3419	Pendent	Standard	A, C, E, F, J, M	1	UL, ULC, FM	4	
	V3417	Upright	Standard	A, C, E, F, J, M	1	UL, ULC, FM	4	
	V3420	Pendent	Quick	A, C, E, F, J	1	UL, ULC, FM	4	
	V3418	Upright	Quick	A, C, E, F, J	1	UL, ULC, FM	4	


Large Orifice – Intermediate Level – Rack Storage

V34 Frame – K14.0		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
 <p>Pendent Request 40.24</p>	AS1451	Pendent	Standard	C, F	1	UL, ULC, FM	9	


(ECLH) Extended Coverage Extra Large Orifice – Light Hazard

V34 Frame – K11.2		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
 <p>Pendent Request 40.30</p>	V3411	Pendent	Standard	A, C, E, F, M	1,2,3,4,8	UL, ULC, FM	4	
	V3411	Recessed Pendent	Standard	A, C, E, F, M	1,2,3,4,8	UL, ULC, FM	4	
	V3412	Pendent	Quick	A, C, E, F	1,2,3,4,8	UL, ULC, FM	4	
	V3412	Recessed Pendent	Quick	A, C, E, F	1,2,3,4,8	UL, ULC, FM	4	

(ECLH) Extended Coverage Very Extra Large Orifice – Light Hazard

V34 Frame – K14.0		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
 <p>Pendent Request 40.31</p>	V3413	Pendent	Standard	A, C, E, F, M	1,2,3,4,8	UL, ULC, FM	4	
	V3413	Recessed Pendent	Standard	A, C, E, F, M	1,2,3,4,8	UL, ULC, FM	4	
	V3414	Pendent	Quick	A, C, E, F	1,2,3,4,8	UL, ULC, FM	4	
	V3414	Recessed Pendent	Quick	A, C, E, F	1,2,3,4,8	UL, ULC, FM	4	

(ECLH) Horizontal Sidewall and Recessed Horizontal Sidewall

V34 Frame – K8.0		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
 <p>Sidewall Request 40.33</p>	V3415	ECLH HSW	Standard	A, C, E, F	1,2,3,4,8	UL, ULC	4	
	V3415	Recessed ECLH HSW	Standard	A, C, E, F	1,2,3,4,8	UL, ULC	4	
	V3416	ECLH HSW	Quick	A, C, E, F	1,2,3,4,8	UL, ULC	4	
	V3416	Recessed ECLH HSW	Quick	A, C, E, F	1,2,3,4,8	UL, ULC	4	

TEMPERATURE RATINGS

Victaulic Part Identification	Temperature – °F/°C		Glass Bulb Color
	Nominal Temperature Rating	Maximum Ambient Temp. Allowed	
A	135 57	100 38	Orange
C	155 68	100 38	Red
E	175 79	150 65	Yellow
F	200 93	150 65	Green
J	286 141	225 107	Blue
K	360 182	300 149	Mauve
M	Open	–	No Bulb
N	162 72	100 38	Fusible Metal

*Not all temperatures are available with all styles of sprinklers. Consult individual submittal sheets for specific information.

SPRINKLER FINISHES

Abbrev.	Victaulic Part Ident.	Finish	Abbrev.	Victaulic Part Ident.	Finish
BR	1	Plain	CSTM	8	Custom Painted
CP	2	Chrome	WX	5	Wax Coated
BB	3	Bright Brass	LD	6	Lead Coated
WH	4	White Painted	WL	7	Wax/Lead Coated

AUTOMATIC SPRINKLER NOTES


- 1 – MEA Approved for V27 and V34 – 62-99-E.
- 2 – CSFM Listing for V27 and V34 – 7690-0531:112.
- 3 – FM Approved for light hazard only.
- 4 – Not all temperature ratings or finishes are approved or listed. Refer to current product submittals for specific information. V27 and V34 units are MEA (#62-99-E) and CSFM (#7690-0531:112) Listed.
- 5 – Recognized by FM as standard response only.
- 6 – Pendent – K3.0 for room sizes up to 16' x 16' (4,9 x 4,9 m); K3.5 sizes up to 18' x 18' (5,5 x 5,5 m) and 20' x 20' (6,1 x 6,1 m).
- 7 – Horizontal Sidewall – K3.5 for room sizes up to 16' x 16' (4,9 x 4,9 m).
- 8 – Cover "A" is rated for 135°F (57°C) for use with standard or quick response sprinklers rated 135°F and 155°F (57°C and 68°C). Cover "D" is rated for 165°F (74°C) for use with standard or quick response sprinklers rated 175°F and 200°F (79°C and 93°C). A proper temperature rated cover must be used with the correct sprinkler rating.
- 9 – Sprinkler head is manufactured by "Automatic" Sprinkler Fire Protection Equipment.

FireLock Automatic Sprinklers



40.01-1A

Sprinkler Head Type	Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
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Small Orifice – Light Hazard

 <p>Upright Request 40.40</p>	V27 Frame – K2.8		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V2705	Pendent	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC	1, 2, 4		
	V2701	Upright	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC, FM	1, 2, 4		
	V2705	Recessed Pendent	Standard	A, C, E, F, J, K, M	1,2,3,4,5,6,7,8	UL, ULC	1, 2, 4		
	V2706	Pendent	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC	1, 2, 4		
	V2702	Upright	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC, FM	1, 2, 4		
	V2706	Recessed Pendent	Quick	A, C, E, F, J	1,2,3,4,6,8	UL, ULC	1, 2, 4		


Residential

 <p>Pendent Request 40.45</p>	V27 Frame – K3.0/K3.5		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V2714	Pendent	Quick	C	1,2,3,4,8	UL, ULC	1, 2, 4, 6		
	V2714	Recessed Pendent	Quick	C	1,2,3,4,8	UL, ULC	1, 2, 4, 6		
	V2716	Pendent	Quick	C	1,2,3,4,8	UL, ULC	1, 2, 4, 6		
 <p>Flush Pendent Request 40.48</p>	V28 Frame – K4.2		V2802	Flush Pendent	Quick	N	2,4	UL, ULC	–

Residential – Horizontal Sidewall

 <p>Sidewall Request 40.46</p>	V27 Frame – K3.5		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V2718	Horizontal Sidewall	Quick	C	1,2,3,4,8	UL, ULC	1, 2, 4, 7		
V2718	Recessed Hor. Sidewall	Quick	C	1,2,3,4,8	UL, ULC	1, 2, 4, 7			

Decorative – Concealed Pendent – Ordinary Hazard

 <p>Request 40.50</p>	V38 Frame – K5.6		Model No.	Deflector Type	Response Category	Temp. Ratings	Available Finishes	Approvals Listing	Notes
	V3801	Concealed Pendent and Cover Plate	Standard	C, F	2,3,4,8	UL, ULC	1, 2, 4		
	V3802	Concealed Pendent and Cover Plate	Quick	C, F	2,3,4,8	UL, ULC, FM	1, 2, 4, 5		
–	Replacement Cover Plate only	Standard/Quick	A, D* (see note 8)	2,3,4,8	UL, ULC, FM	1, 2, 4, 8			

TEMPERATURE RATINGS

Victaulic Part Identification	Temperature – °F/°C		Glass Bulb Color
	Nominal Temperature Rating	Maximum Ambient Temp. Allowed	
A	135 57	100 38	Orange
C	155 68	100 38	Red
E	175 79	150 65	Yellow
F	200 93	150 65	Green
J	286 141	225 107	Blue
K	360 182	300 149	Mauve
M	Open	–	No Bulb
N	162 72	100 38	Fusible Metal

*Not all temperatures are available with all styles of sprinklers. Consult individual submittal sheets for specific information.

SPRINKLER FINISHES

Abbrev.	Victaulic Part Ident.	Finish	Abbrev.	Victaulic Part Ident.	Finish
BR	1	Plain	CSTM	8	Custom Painted
CP	2	Chrome	WX	5	Wax Coated
BB	3	Bright Brass	LD	6	Lead Coated
WH	4	White Painted	WL	7	Wax/Lead Coated

AUTOMATIC SPRINKLER NOTES

*Contact Victaulic for wax, lead, and wax-over-lead coatings.






- 1 – MEA Approved for V27 and V34 – 62-99-E.
- 2 – CSFM Listing for V27 and V34 – 7690-0531:112.
- 3 – FM Approved for light hazard only.
- 4 – Not all temperature ratings are approved or listed. Refer to current product submittals for specific information. V27 and V34 units are MEA (#62-99-E) and CSFM (#7690-0531:112) Listed.
- 5 – Recognized by FM as standard response only.
- 6 – Pendent – K3.0 for room sizes up to 16' x 16' (4,9 x 4,9 m); K3.5 sizes up to 18' x 18' (5,5 x 5,5 m) and 20' x 20' (6,1 x 6,1 m).
- 7 – Horizontal Sidewall – K3.5 for room sizes up to 16' x 16' (4,9 x 4,9 m).
- 8 – Cover "A" is rated for 135°F (57°C) for use with standard or quick response sprinklers rated 135°F and 155°F (57°C and 68°C). Cover "D" is rated for 165°F (74°C) for use with standard or quick response sprinklers rated 175°F and 200°F (79°C and 93°C). A proper temperature rated cover must be used with the correct sprinkler rating.

FireLock Devices and Valves

10.01-1C






Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes
			Std.	Light	

FIRELOCK ACTUATED VALVES

Series 751 Alarm Check  Request 10.30	UL, FM, MEA, CSFM	1½ - 6	300	300	1,5,8,10
	UL, FM	8	225	225	1,5,8,10
Series 756 Dry Check  Request 10.35	UL, FM, MEA, CSFM	1½ - 6	300	300	2,6
Series 758 Deluge Trim  Request 10.40	UL, FM, MEA, CSFM	1½ - 6	300	300	2,7
	UL, FM	8	225	225	2,7
Series 758 Preaction Trim  Request 10.50	UL, FM, MEA, CSFM	1½ - 6	300	300	2,7
Series 717R FireLock™ Riser Valve  Request 10.09	UL, MEA	2½, 3, 4, 5, 5½, 6, 6½, 8, 10, 12	250	250	12,13,14
	FM	4, 5, 6, 8, 10, 12	250	250	12,13

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes
			Std.	Light	

GROOVED END VALVES

Series 705W Butterfly Valve  Request 10.18	UL, FM, MEA, CSFM	2½, 3, 4, 5, 6, 8, 10, 12	300	300	3,8,11,15
Series 705W Butterfly Valve with Tap  Request 10.06	UL, FM, MEA, CSFM	2½, 3, 4, 5, 6, 8, 10, 12	300	300	3,8,11,15
Series 727 FireBall® Valve  Request 10.07	UL, FM, BSA, CSFM	2, 2½, 3	300	300	4,9
Series 717 FireLock™ Check Valve  Request 10.08	UL, MEA	2½, 3, 4, 5, 5½, 6, 6½, 8, 10, 12	250	250	12,13,14
	FM	4, 5, 6, 8, 10, 12	250	250	12,13
Series 722 Ball Valve (Thd.)  Request 10.11	UL	½ - 2	175	N/A	-
	FM	½, ¾, 1 - 2	600 500	N/A N/A	-

VALVES NOTES

- 1 – MEA Approved #210-98-E
- 2 – MEA Approved #248-98-E
- 3 – MEA Approved #276-99-E
- 4 – BSA Approved #651-86
- 5 – CSFM Listing #7770-0531:109
- 6 – CSFM Listing #7770-0531:111
- 7 – CSFM Listing #7770-0531:110

- 8 – CSFM Listing #7770-0531:103
- 9 – CSFM Listing #7770-0531:102
- 10 – Approved for vertical or horizontal installation.
- 11 – Indoor/Outdoor use weatherproof operator.
- 12 – Listed/Approved for single check and anti-water hammer service; for horizontal or vertical installation.





- 13 – Pressure rating of Series 717R is based on the rating of Riser Check Kit when equipped for this service.
- 14 – MEA Approved #154-94-E, Vol. 1 to 200 psi.
- 15 – CSFM Listing #7770-0531:113.

Couplings and Fittings

10.01-1C

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes †
			Std.	Light	






FIRELOCK® COUPLINGS AND FITTINGS

Style 005 Rigid FireLock™ Coupling 	UL	1¼ - 4 5 - 8	350 300	300 300	3, 6, 7, 12, 16 13, 17, 30
	FM	1¼ - 4 5 - 8	350 300	300 300	1, 2, 3, 4, 5, 6, 7, 17, 30
Request 10.02					
FireLock Fittings 	UL	2 - 4 5 - 8	350 300	-	-
	FM	2 - 4 5 - 8	350 300	-	1, 2
Request 10.03					
Style 744 FireLock Vic-Flange Adapter 	UL	2 - 8	175	175	-
	FM	2 - 8	175	175	-
Request 10.04					
Style 006 FireLock™ End Caps 	UL	1¼ - 4 5 - 8	350 300	350 300	-
	FM	1¼ - 4 5 - 8	350 300	350 300	1, 2
Request 10.04					

† Refer to notes on the next page.

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes †
			Std.	Light	

STANDARD COUPLINGS AND FITTINGS

Style 07 Zero-Flex® Rigid Coupling 	UL	1 - 4 5 - 6 8 10 - 12 14 - 20 24	500 500 450 400 300 250	500 400 400 350 -	3,6,7,11,12,13,14,15,16,17 11,12,13,14,15 12,13,14,15 12,13,14 12 12
	FM	1½ - 4 5 - 6 8 10 - 12	500 500 450 400	500 400 400 350	1,2A,3,4,5,6,7,24 5,10 5,10 5,10
Request 06.02					
Style 77 Flexible Coupling 	UL	¾ - 12 1 - 12 14 - 20 24 ¾ - 6	500 - 300 250 500	- 450 -	12,14,15 3,6,7,12,13,16,17,18,19 12 12 11
	FM	1 - 12 14 1 - 4	500 300 500	450 -	1,2A,3,4,5,6,7,10,25 5 11
Request 06.04					
Style 75 Flexible Coupling 	UL	1 - 4 5 - 8	500 450	500 300	3,6,7,11,12,13, 14,15,16,17,18 12,13,18
	FM	1½ - 8 1½ - 4 5 - 8	500 500 300	- 500 300	1,2A,3,4,5,6,7,26 5 5,10
Request 06.05					
Grooved Fittings 	UL	¾ - 12 14 - 24 ¾ - 6	500 300 500	500 -	12,14,15 12 11
	FM	¾ - 12	500	500	1,2A,5,27
Request 07.02					
Style 741 Vic-Flange® 	UL	2 - 12	250	250	13
	FM	2 - 12	250	250	1,2A,5,10,21
Request 06.06					







† Refer to notes on the next page.

Couplings and Fittings

10.01-1C



Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes
			Std.	Light	

STANDARD COUPLINGS AND FITTINGS

Style 743 Vic-Flange  Request 06.06	UL	2½ - 12	500	-	-
	FM	2½ - 12	500	-	1,2A
Style 72 Outlet Coupling  Request 06.10	UL	1½ X ½ - 4 X 1 4 X 1½ - 6 X 2	500 400	300 250	13 13
	FM	1½ X ½ - 4 X 1 4 X 1½ - 6 X 2	500 400	300 200	1,2A,5,22 5,22
Style 750 Reducing Coupling  Request 06.08	UL	2 X 1½ - 8 X 6	350	300	3,13,20
	FM	2 X 1½ - 3 X 2½ 4 X 2 - 8 X 6	350 350	350 200	1,2A,3,5,21,23 5,21,23
Style HP-70 Rigid Coupling  Request 06.12	UL	2 - 8 10 - 12 2 - 6	750 700 750	500 500 500	12,13,14,15 12,13 11
	FM	2 - 8 10 - 12	750 700	500 500	1,2A,5,23 5,23
Style HP-70ES With Grade "E" Fire-R™  Request 06.14	UL	2 - 8	300	300	29
	FM	2 - 8	300	300	29
Style 791 Vic-Boltless® Flexible Coupling  Request 06.11	UL	2 - 4 6 8	350 350 350	350 300 250	12,13 12,13 12,13
	FM	2 - 4 6 8	350 350 350	350 300 250	5,10 5,10 5,10

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes
			Std.	Light	

STANDARD COUPLINGS AND FITTINGS

No. 10-DR Drain Elbow  Request 10.05	UL	2½ - 6	500	500	12
	FM	2½ - 6	500	500	1,2A,5
No. 66 Vic®-End End of Run Sprinkler Outlet  Request 10.13	UL	2 X ½, ¾, 1 2½ X ½, ¾, 1	300	300	-
	FM	2 X ½, ¾, 1 2½ X ½, ¾, 1	300	300	1,2A

COUPLINGS AND FITTINGS NOTES


- 1 - MEA Approved #230-96-E
- 2 - CSFM Listing #7515-0531:104
- 3 - UL Listed and FM Approved at 175 psi on schedule 5 and Eddy Flow pipe manufactured by Bull Moose Tube Company. UL Listed and FM Approved at 175 psi and 300 psi, respectively, on schedule 5 pipe manufactured by Wheatland Tube and IDOD Tube Companies.
- 4 - Style 07, 75, and 77 are FM Approved in sizes 1 - 2" at 300 psi. Style 005 is FM Approved in 2" sizes at 175 psi on Allied 'XL' pipe.
- 5 - FM Approved for dry pipe systems down to -40°F with standard gasket, (Victaulic recommends FlushSeal or silicone gasket with coupling Style 77, 07, 005, 75, 791 and HP-70).
- 6 - UL Listed/FM Approved in 2½ and 3" sizes on American Tube Dyna-Flow pipe at 300 psi for Styles 07, 75, and 77; 175 psi for Style 005.
- 7 - Styles 07, 77, 920, and 920N are UL Listed and FM Approved in 2½ - 4" sizes at 300 psi. Style 75 3" size is UL Listed at 300 psi and Style 75 4" size is UL Listed and FM Approved at 300 psi. Style 005 is UL Listed and FM Approved in 1¼ - 4" sizes at 175 psi on American Tube Dyna-Flow pipe.
- 8 - UL Listed and FM Approved in sizes 1 - 2" on American Tube Dyna-Flow pipe at 175 psi. Style 925 UL Listed and FM Approved on American Tube Dyna-Flow pipe at 175 psi in sizes 1¼ - 2½".
- 9 - UL Listed and FM Approved on Allied 'XL' and 'XL-II' at 175 psi.
- 10 - Minimum schedule pipe to be joined: 6" or smaller/sch. 10; 8" or larger/0.188" wall.
- 11 - UL accepted for FM-200 fire extinguishing systems. UL has indicated that Listed rubber gasketed fittings (couplings and fittings rated to 500 psi minimum) that are not under continuous exposure to FM-200 and are downstream of the pressure reducing device can be utilized in FM-200 fixed extinguishing systems.
- 12 - UL Listed for dry pipe systems down to -40°F with standard gasket (Victaulic recommends FlushSeal or silicone gasket with coupling Style 77, 07, 005, 75, 791, and HP-70).
- 13 - Lt. Wall Pipe shall be of the following minimum wall thickness: 1 - 12"/sch. 10.
- 14 - UL Listed for carbon dioxide systems, low pressure (UL-FYJR) - for distribution piping downstream of the master valve only: S/77, ¾ - 8"; S/75, 1½ - 4"; S/07, 1½ - 8"; S/HP-70, 2 - 8"; on sch. 40 pipe and standard grooved fittings ¾ - 8".
- 15 - UL Listed for halogenated agent systems, Halon 1301 (UL-GLER) - extinguishing systems units, 360 psi for distribution piping only: S/77, ¾ - 8"; S/75, 1½ - 4"; S/07, 1½ - 8"; S/HP-70, 2 - 8"; on sch. 40 pipe and standard grooved fittings ¾ - 8".
- 16 - Style 75, 07, 77 UL Listed on Allied 'XL' pipe in sizes 1 - 3" at 300 psi. Style 005 UL Listed 175 psi.
- 17 - UL Listed and FM Approved in sizes 1¼ - 2" on Central Sprinkler 'TL', C7 and "Central Thread" Pipe to 300 psi.
- 18 - 1¼" Style 77 and Style 75 in sizes 1½ - 6" are UL Listed for use on Berger Industries sch. 5 roll grooved pipe, working pressures: 1¼ - 5" 300 psi and 6" - 175 psi.
- 19 - Style 77 UL Listed on pipe in sizes 1 - 2" at 300 psi
- 20 - Style 07, 75, 77 in sizes 1 - 2"; Style 750 in 2 X 1", 2 X 1½" sizes at 300 psi and Style 005 at 175 psi on 'SL' pipe.
- 21 - Cut groove, sch. 40, 6" and smaller; sch. 30, 8" and larger.
- 22 - Lt. wall roll grooved based on sch. 10 pipe.
- 23 - Minimum schedule pipe to be joined; 3½" or smaller/sch. 10; 4" or larger/0.188" wall.
- 24 - Style 07 metric equivalent sizes 3 O.D., 4¼, 5¼, 5½, 6¼ and 6½" FM Approved to 175 psi on standard and lightwall pipe. (See note 10.22)
- 25 - Style 77 metric equivalent sizes 3 O.D., 4¼, 5¼, 5½, and 6¼" FM Approved to 175 psi (6½" - 450 psi) on standard and lightwall pipe. (See note 10.22)
- 26 - Style 75 metric equivalent sizes 4¼, 5¼, 5½, 6 O.D., 6¼, and 6½" FM Approved to 300 psi on standard and lightwall pipe. (See note 10.22)
- 27 - 90°, 45° elbow and tee metric equivalent sizes 3 O.D., 4¼, 5¼, 5½, 6¼ and 6½" FM Approved to 175 psi on standard and lightwall pipe. 6½" No. 60 end cap FM Approved to 175 psi. (See note F)
- 28 - Style 005 metric equivalent sizes 3 O.D., 4¼, 5¼, 5½, 6¼, 6½ and 8" FM Approved to 175 psi on standard and lightwall pipe. (See note 10.22)
- 29 - UL Listed and FM Approved with HP-70ES with Grade E Fire-R gaskets.
- 30 - UL Listed and FM Approved for use on Fire-Line Flow (FLF) and Fire-Line Threadable (FLT) steel sprinkler pipe (up to 4 inches and up to 300 psi) manufactured by Western International Forest Products.

CPVC Products – Request 80.01

10.01-1C







Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. psi	Notes
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CPVC PRODUCTS

Coupling 	UL/FM	¾ - 2	175	1,2
Elbows 	UL/FM	¾ - 2	175	1,2
Sprinkler Head Elbow 	UL/FM	¾ - 2	175	1,2
Tee 	UL/FM	¾ - 2	175	1,2
Sprinkler Head Tee 	UL/FM	¾ - 2	175	1,2
Reducer Coupling 	UL/FM	¾ - 2	175	1,2
Grooved Coupling Adapter 	UL/FM	¾ - 2	175	1,2

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. psi	Notes
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CPVC PRODUCTS

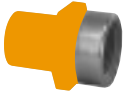





Crosses 	UL/FM	¾ - 2	175	1,2
Flanges 	UL/FM	¾ - 2	175	1,2
Unions 	UL/FM	¾ - 2	175	1,2
Reducer Bushing 	UL/FM	1 × ¾ - 2 × 1½	175	1,2
Cap 	UL/FM	¾ - 2	175	1,2
Female Threaded Adapters 	UL/FM	¾ - 2	175	1,2

CPVC PRODUCTS NOTES

- 1 – Please refer to the latest Installation and Maintenance (I-800) manual for cross usage with other manufacturer's CPVC products.
- 2 – Pressure rating is based on a maximum temperature of +150°F (+66°C).

CPVC Products – Request 80.01

10.01-1C

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. psi	Notes
CPVC PRODUCTS				
Spigot Female Adapters 	UL/FM	¾ - 1	175	1,2
Female Sprinkler Head Adapters 	UL/FM	¾ × ½ - 1 × ¾	175	1,2
Spigot Sprinkler Head Adapters 	UL/FM	¾ × ½ - 1 × ½	175	1,2
Adjustable Sprinkler Head Adapters 	UL/FM	¾ × ½ - 1 × ½	175	1,2
No. 893 Swivel Ring Hanger 	UL/FM	¾ - 2	–	–
No. 895 Universal Beam Clamp with Locknut 	UL/FM	¾ - 2	–	–

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. psi	Notes
CPVC PRODUCTS				
No. 890 One-hole Wrap Around Strap 	UL/FM	¾ - 2	–	–
No. 891 Two-hole Strap 	UL/FM	¾ - 2	–	–
No. 892 Two-hole 90° Side Mount Strap 	UL/FM	¾ - 2	–	–
No. 894 Surge Clip 	UL/FM	¾ - 2	–	–

CPVC PRODUCTS NOTES

1 – Please refer to the latest Installation and Maintenance (I-800) manual for cross usage with other manufacturer's CPVC products.





2 – Pressure rating is based on a maximum temperature of +150°F (+66°C).

Other Products

10.01-1C

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes
			Std.	Light	

HOLE CUT PRODUCTS

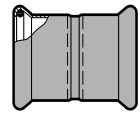
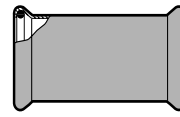
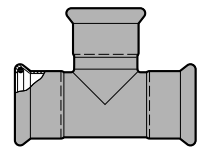
Style 920/920N Mechanical-T® Outlet  Request 11.02	UL	3 × 1¼ thru 6 × 2½ & 8 × 2½	400	400	1,2,3,4,5
	FM	3 × 1¼ thru 6 × 2½ & 8 × 2½	400	400	2,3,4,5,6
	UL	6 × 3, 6 × 4 & 8 × 3	300	300	3
	FM	6 × 3, 6 × 4, 8 × 3 & 8 × 4	300	250	5,6
Style 920/920N Cross Assemblies  Request 11.03	UL	3 × 1¼ thru 6 × 2½ & 8 × 2½	400	400	1,2,3,4,5
	FM	3 × 1¼ thru 6 × 2½ & 8 × 2½	400	400	2,3,4,5,6
	UL	6 × 3, 6 × 4 & 8 × 3	300	300	3
	FM	6 × 3, 6 × 4, 8 × 3 & 8 × 4	300	250	5,6
Style 923 Vic-Let™  Request 11.05	UL	4 - 8 × ½, ¾ 10 & 12 × ½, ¾	175 175	175 175	-
	FM	1¼ × ½ thru 2½ × 1	175	175	3,7,8,9,10
Style 925 Snap-Let®  Request 11.04	UL	1¼ × ½ thru 2½ × 1	175	175	3,6,7,8,9,10
	FM	1¼ × ½ thru 2½ × 1	175	175	3,6,7,8,9,10

HOLE CUT PRODUCTS NOTES

- 1 – MEA Approved #351-91-M
- 2 – CSFM Listing #7515-0531:001
- 3 – UL Listed for dry pipe systems down to -40°F with standard gasket (Victaulic recommends Flush-Seal or silicone gasket with coupling Styles 77, 07, 005, 75, 791 and HP-70).
- 4 – Styles 07, 77, 920, and 921 are UL Listed and FM Approved in 2½ - 4" sizes at 300 psi. Style 75 3" size is UL Listed at 300 psi and Style 75 4" size is UL Listed and FM Approved at 300 psi. Style 005 is UL Listed and FM Approved in 1¼ - 4" sizes at 175 psi on American Tube Dyna-Flow pipe.
- 5 – Minimum schedule pipe to be joined: sch. 10.
- 6 – FM Approved for dry pipe systems down to -40°F with standard gasket, (Victaulic recommends FlushSeal or silicone gasket with coupling Style 77, 07, 005, 75, 791 and HP-70).
- 7 – UL Listed and FM Approved at 175 psi on Schedule 5 pipe manufactured by Bull Moose Tube and Wheatland Tube Companies.
- 8 – UL Listed and FM Approved in sizes 1 - 2" on American Tube Dyna-Flow pipe at 175 psi. Style 925 UL Listed and FM Approved on American Tube Dyna-Flow pipe at 175 psi in sizes 1¼ - 2½".
- 9 – UL Listed and FM Approved on Wheatland Tube, Mega-Flow, Mega-Light, Mega-Thread, Mega-10 and Mega-40 pipe manufactured by Wheatland Tube Companies.
- 10 – UL Listed and FM Approved on Central "&", Central Thread pipe manufactured by Central Grooved Piping Products.

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes
			Std.	Light	

PRESSFIT® SYSTEM

Style 505 Standard Coupling  Request 12.02	UL, ULC, FM, MEA, CSFM	¾ - 2	-	-	1, 2
	UL, ULC, FM, MEA, CSFM	¾ - 2	-	-	1, 2
Style 506 Slip Coupling  Request 12.02	UL, ULC, FM, MEA, CSFM	¾ - 2	-	-	1, 2
	UL, ULC, FM, MEA, CSFM	¾ - 2	-	-	1, 2
Pressfit Fittings  Request 12.02	UL, ULC, FM, MEA, CSFM	¾ - 2	-	-	1, 2
	UL, ULC, FM, MEA, CSFM	¾ - 2	-	-	1, 2

PRESSFIT SYSTEM NOTES



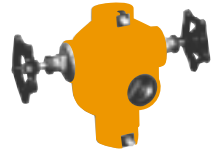


All of the above products are UL Listed for dry pipe systems down to -40°F (-40°C).
 All of the above products are MEA Approved #259-91-M and CSFM Listed #7515-0531:106.
 1 – UL Listed and FM Approved at 175 psi (1205 kPa) on Schedule 5 and Eddy Flow pipe manufactured by Bull Moose Tube Company. UL Listed and FM Approved at 175 psi (1205 kPa) on Schedule 5 pipe manufactured by Wheatland Tube Companies.
 2 – UL Listed and FM Approved at 175 psi (1205 kPa) on Schedule 5 pipe manufactured by ID/OD System Ga1-05 for wet/dry piping systems. NOTE: FM does not approve the use of any other pipe on dry systems.

Other Products

10.01-1C

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes
			Std.	Light	

ACCESSORIES





Style 735 Fire Pump Test Meter  Request 10.11	FM	2½ - 12-L 2½ - 12-S	175 500	-	1,2
Style 718 TestMaster™ Alarm Test Module Threaded  Request 10.10	UL	1¼	300	N/A	1,2
	FM	1¼	300	N/A	1,2
Style 719 TestMaster™ Alarm Test Module FIT®  Request 10.10	UL	1¼	175	175	1,2
	FM	1¼	175	175	1,2,3
Style 720G TestMaster™ II Test and Drain Device  Request 10.22	UL, FM	1¼ - 2	300	300	3
Style 720T TestMaster™ II Test and Drain Device  Request 10.22	UL, FM	1 - 2	300	300	-

ACCESSORIES NOTES

- 1 - MEA (BSA) Approved #413-53
- 2 - Minimum schedule pipe to be joined; 3½" or smaller/sch. 10; 4" or larger/0.188" wall.
- 3 - Victaulic recommends optional grade "L" silicone gaskets for fire protection dry systems and all systems operating below 0°F.

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi		Notes
			Std.	Light	

FIT® PRODUCTS

Styles 96, 961, 960, 963, 966  Request 13.01	UL, FM	1 - 2	175	175	1,2,3,4,6,7,9
Style 969  Request 13.01	UL, FM	1¼ × 1 × ½ thru 2 × 1½ × 1	175	175	1,2,3,4,6,7,9
Style 929  Request 13.01	UL, FM	3 × 1¼ thru 4 × 2	175	175	5,6,7
Style 929 Cross  Request 13.01	UL, FM	2 × 1¼ thru 2½ × 1½	175	175	6,7

FIT PRODUCTS NOTES



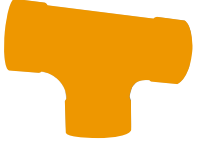
- 1 - UL Listed/FM Approved for use on schedule 10 and 40 steel pipe prepared in accordance with Victaulic specifications.
- 2 - UL Listed/FM Approved for use with Wheatland "WLS," "Mega Flow," "Mega10," "Mega 40," and "Mega-Lite" type pipes prepared in accordance with Victaulic specifications.
- 3 - UL Listed/FM Approved for use with Central "TL" and "Central Thread" type pipes prepared in accordance with Victaulic specifications.
- 4 - UL Listed/FM Approved for use with Allied Tube and Conduit "SF," "Super XL," "Super 40," and "XL" type pipes prepared in accordance with Victaulic specifications.
- 5 - UL Listed/FM Approved for use with American Tube and Pipe Co. "BLT," "DF," and "DT" type pipes prepared in accordance with Victaulic specifications.
- 6 - UL Listed/FM Approved for use with Bull Moose "Eddy-Lite" and "Eddy-Thread" type pipes prepared in accordance with Victaulic specifications.
- 7 - MEA Approved under BSA #413-53.
- 8 - UL Listed and FM Approved for use on Fire-Line Flow (FLF) and Fire-Line Threadable (FLT) steel sprinkler pipe manufactured by Western International Forest Products.
- 9 - UL Listed for use with Bull Moose "Eddy Fast" pipe in accordance with Victaulic specifications.

Other Products

10.01-1C

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi	Notes
			Std. (Sch. 40)	

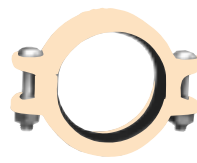


PLAIN END

Style 99 Roust-A-Bout® Coupling  Request 14.02	UL	2 - 12	250	1,2,3,4
Style 90 Plainlock® Coupling  Request 14.03	UL	1 - 6	175	1,2,3,4
Plain End Fittings  Request 14.04	UL	1 - 6	150	-

PLAIN END NOTES
1 – MEA Approved (BSA) #413-53-SM
2 – CSFM Listing #7515-0531:001
3 – UL Listed for Schedule 40 steel pipe only.
4 – Nuts must be tightened to published torque specifications.

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi	Notes
			Type K & L Copper Tube	

GROOVED END COPPER

Style 606 Copper Coupling  Request 22.02	UL/ULC	2½ - 8	175	1,2,4
Style 641 Copper Flange  Request 22.03	UL/ULC	2½ - 6	175	1,2,4
Copper Fittings  Request 22.04	UL/ULC	2½ - 8	175	1,3

GROOVED END COPPER NOTES
1 – MEA Approved #154-96-E
2 – CSFM Listing #7515-0531:108
3 – CSFM Listing #7515-0531:107
4 – Roll grooving tools must be equipped only with Victaulic rolls designed for grooving copper tube (color coded copper).

Victaulic plain end couplings are UL Listed for use on standard weight steel pipe (schedule 40). They are not intended for use on plastic pipe or brittle pipe, such as cast iron. Nor are they intended for use on pipe with a surface hardness greater than 150 Brinell. (Style 90 should not be used on schedule 80 or heavier pipe.)

It should be noted that Style 99 Roust-A-Bout couplings can be used with No. 10P and No. 11P elbows in sizes 6" and above only. (NOTE: Standard 90° and 45° plain end elbows from 1- 5" may be used with Style 90 Plainlock couplings only. If using Style 99 Roust-A-Bout couplings, specify special fittings, with a minimum tangent length, which are required for proper assembly (contact Victaulic for details).




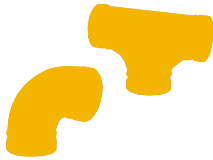
Victaulic grooved end fittings **must not** be used with Victaulic plain end couplings.

Underground Products

10.01-1C

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Work. Press. Pipe Wall psi	Notes
			Std.	

UNDERGROUND DUCTILE (AWWA)

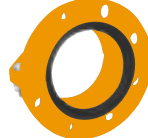
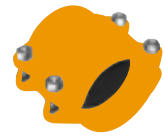

Style 31 Coupling  Request 23.02	UL	4 - 14 16	250 175	1 1
	FM	4 - 12 14 - 16	250 175	1 1
Style 307 Coupling  Request 23.03	UL	3 - 12	175	2
	FM	3 - 12	175	2
Style 341 Vic-Flange® Adapter  Request 23.04	UL	4 - 12	175	1
	FM	4 - 12	175	1
Fittings  Request 23.05	UL	4 - 12	175	–
	FM	4 - 12	175	1

UNDERGROUND DUCTILE (AWWA)

- 1 – For joining ductile iron pipe only, in underground mains.
- 2 – The Style 307 coupling is intended for connecting cut or roll-grooved schedule 40 or roll-grooved schedule 10 steel pipe to radius cut-grooved class 53 ductile iron pipe.

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Notes
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UNDERGROUND HDPE PLASTIC

Style 994 HDPE Flange Adapter  Request 19.04	FM	4 - 8	1,2,3
Style 995 HDPE Coupling  Request 19.02	FM	4 - 14	1,2,3
Style 997 HDPE-to-Steel Transition Coupling  Request 19.03	FM	4 - 14	1,2,3

UNDERGROUND HDPE PLASTIC

- 1 – FM Approved for use with the following FM Approved HDPE pipe:
 - a. KWH Pipe – Class 150 and 200
 - b. Plexco Pipe – EHMW Class 150 and 200, Blue Stripe Class 150 and 200, Red Stripe Class 150 and 200
 - c. Driscopipe – Series 1000, Class 150, and 200
- 2 – Joint rated to working pressure of pipe.
- 3 – FM Approved for underground use only.