

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" Vic-Plus™ violet color-code gaskets.

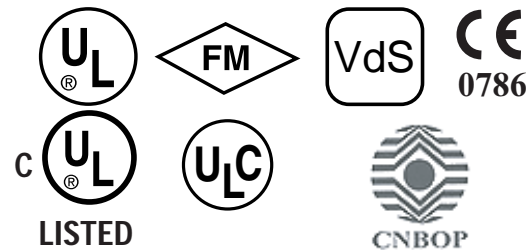
Grade "L" (silicone) orange gaskets are available for selected products, and they are UL Listed and FM Approved.

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 – SUBMITTAL SHEET

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

	Models V2703, V2704, V2707 & V2708 Std. Orifice – K5.6 Upright, Pendant and Recessed Pendant	40.10	
	Models V2709 & V2710 Std. Orifice – K5.6 Horizontal Sidewall and Recessed Horizontal Sidewall	40.11	
	Models V3401, V3402, V3405 & V3406 Large Orifice – K8.0 Upright, Pendant and Recessed Pendant	40.15	
	Models V3409 & 3410 Large Orifice – K8.0 Horizontal Sidewall and Recessed Sidewall	40.16	
	Models V2725 & V2726 Std. Orifice – K5.6 Conventional	40.17	
	Models V2727 & V2728 Std. Orifice – K5.6 Pendant	40.18	
	Models V3423 & V3424 Large Orifice – K8.0 Pendant	40.19	

SPECIFIC APPLICATION

	Model V2502 Specific Application – K4.3 Upright	40.09	
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STORAGE

	Models V3403, V3404, V3407 & V3408 Extra Large Orifice (ELO) – K11.2 Upright and Pendant	40.20	
	Models V2721, V2722, V2723 & V2724 Intermediate Level – Std. Orifice – K5.6 Upright and Pendant	40.22	
	Models V3417, V3418, V3419 & V3420 Intermediate Level – Large Orifice – K8.0 Upright and Pendant	40.23	
	Model AS1451, K14.0 ESFR	40.24	
	Model VK510, K25.2 ESFR	40.25	

EXTENDED COVERAGE

	Models V3411 & V3412 Extended Coverage/Light Hazard (ECLH) – K11.2 – Pendant and Recessed Pendant	40.30	
	Models V3413 & V3414 Extended Coverage/Light Hazard (ECLH) – K14.0 – Pendant and Recessed Pendant	40.31	
	Models V3415 & V3416 Extended Coverage/Light Hazard (ECLH) – K8.0 – Horizontal Sidewall and Recessed Horizontal Sidewall	40.33	
	Model V3421 Extended Coverage/Ordinary Hazard (EOH) – K14.0 – Pendant and Recessed Pendant	40.34	
	Models VK532/VK534 Extended Coverage/Ordinary Hazard (EOH) – K11.2 – ELO Upright and Pendant	40.35	

SMALL ORIFICE

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

	Models V2730 & V2732 Residential – K4.9 Pendant and Recessed Pendant	40.41	
	Models V2734 & V2736 Residential – K4.9 Concealed Pendant	40.42	
	Model V2902 Residential – K4.1 Flush Pendant	40.44	
	Model V2738 Residential – K4.2 Horizontal Sidewall and Recessed Horizontal Sidewall	40.54	
	Model V3806 Residential – K5.6 Low Flow Adjustable Concealed Pendant	40.43	

RESIDENTIAL (RETROFIT ONLY)

	Models V2714 & V2716 Residential – K3.0/K3.5 Pendant and Recessed Pendant – Retrofit Only	40.45	
	Model V2718 Residential – K3.5 Horizontal Sidewall and Recessed Horizontal Sidewall – Retrofit Only	40.46	
	Model V2610 Residential – K3.5 Concealed Pendant – Retrofit Only	40.49	

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

	Models V3801 & V3802 Adjustable Concealed – K5.6 Std. Pendant*	40.50	
	Model V3904 Extended Coverage, Light Hazard – K8.0 Concealed Pendant	40.71	

* Cover plate available with ceiling gasket, see submittal 40.53. Contact Victaulic for details.

DRY

	Models V3601, V3602 Dry Upright – K5.6 Std. Spray	40.62	
	Models V3603, V3604 Dry Upright – K8.0 Std. Spray	40.63	
	Models V3605, V3606 Dry Pendant – K5.6 Std. Spray Pendant and Recessed Pendant	40.60	
	Models V3607, V3608 Dry Pendant – K8.0 Std. Spray Pendant and Recessed Pendant	40.61	
	Models V3609, V3610 Dry – K5.6 Horizontal and Recessed Horizontal Sidewall Std. Spray	40.64	
	Models V3611, V3612 Dry – K8.0 Horizontal and Recessed Horizontal Sidewall Std. Spray	40.65	
	Models V3617, V3618 Std. Spray Dry – K5.6 Concealed Pendant	40.66	
	Models V3619, V3620 Std. Spray Dry – K8.0 Concealed Pendant	40.67	

NOZZLES

	Models V1001, V1003, V1005, V1007, V1009, V1011, V1013 Window Sprinkler	40.72	
	Models V2601, V2603 Open Foam Nozzle	40.73	

ACCESSORIES

	Sprinkler Wrenches	40.80	
	Spare Sprinkler Cabinets	40.81	
	Sprinkler Guards	40.83	

TEMPERATURE RATINGS

Victaulic Part Identification	Temperature – °F/°C		Color Code
	Nominal Temperature Rating	Maximum Ambient Temp. Allowed	
A	135 57	100 38	Orange
C	155 68	100 38	Red
D	165 74	100 38	None
E	175 79	150 65	Yellow
F	200 93	150 65	Green
P	205 96	150 65	White
J	286 141	225 107	Blue
K	360 182	300 149	Purple
M	Open	– –	No Bulb

JOB/OWNER

System No. _____

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VICTAULIC® PRODUCTS – SUBMITTAL SHEET

SPRINKLER FINISHES

Victaulic Part Ident.	Finish	Victaulic Part Ident.	Finish
1	Plain Brass	7	Wax/Lead Coated
2	Chrome	8	Nickel/Teflon
4	White Painted	B	Black
5	Wax Coated	G	RAL 9001
6	Lead Coated	L	RAL 9010

Qty.	Product	Pub. No.	Sys. No. (s)
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FIRELOCK FIRE PROTECTION COUPLINGS AND FITTINGS

	Style 005 FireLock Rigid Coupling	10.02	
	Style 009 FireLock EZ™ Coupling	10.60	
	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. 67 Vic®-End II End of Run Outlet Fitting	10.21	

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	

FIRELOCK® GROOVED VALVES AND DEVICES

	Series 705W Fire Protection BFV	10.18	
	Series 705W Fire Protection BFV with Tap	10.18	
	Series 717 FireLock Check Valve	10.08	
	Series 717R FireLock Riser Check Valve	10.09	
	Series 728 FireLock Ball Valve	10.17	
	Series 722 Threaded Ball Valve	08.15	
	Series 751 FireLock Alarm Check Valve	30.01	
	Series 759 FireLock Alarm Valve	30.02	
	Series 756 FireLock Dry Check Valve*	30.03	
	Series 758 FireLock Deluge Trim*	30.04	
	Series 758 FireLock Preaction Trim*	30.05	
	Series 745 FireLock Fire-Pak	30.23	
	Vic-Quick Riser*	30.20	

Qty.	Product	Pub. No.	Sys. No. (s)
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IPS CARBON STEEL PRESSFIT® SYSTEM

	Pressfit Products	12.02	
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IPS CARBON STEEL HOLE CUT PRODUCTS

	Style 920 & 920N Mechanical-T®	11.02	
	Mechanical-T Cross Assemblies	11.03	
	Style 922 Outlet Tee	10.52	
	Style 923 Vic-Let™ Strapless Outlet	11.05	

GROOVED END ACCESSORIES

	Style 735 Fire Pump Test Meter	10.11	
	Series 720 TestMaster™ II Alarm Test Module	10.22	
	Style 747 Riser Manifold Assembly	10.96	

CTS COPPER TUBING – GROOVED PRODUCTS

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

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	
	Plain End Fittings	14.04	

CPVC PRODUCTS

	CPVC Products	80.01	
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System No. _____
Location _____

CONTRACTOR

Submitted by _____
Date _____

ENGINEER


Spec.Sect. _____ Para. _____
Approved _____
Date _____

FIRELOCK AUTOMATIC SPRINKLERS


Sprinkler Type	Model No.	Deflector Type	Response Category	K-Factor Imperial S.I. §	Nominal Thread Size In. (NPT)/mm	Nominal Orifice Size Inches/mm	Temp. Ratings °F/°C	Available Sprinkler Finishes (See table - page 2)	Approvals Listing †	Sprinkler Guard Available	Submittal Literature Number
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STANDARD COMMERCIAL


Standard Orifice – Light Hazard, Ordinary Hazard, Storage*

<div></div> <div>Pendent</div>	V2703	Upright	Standard	5.6 8.1	1/2 ‡ 13	1/2 13	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC, FM, VdS, CE, CNBOP	Yes	40.10
	V2707	Pendent	Standard	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC, FM	Yes	
	V2707	Recessed Pendent	Standard	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC, FM	Yes	
	V2704	Upright	Quick	5.6 8.1	1/2 ‡ 13	1/2 13	A, C, E, F, J	1, 2, 4, 6, 8, B, L	UL, ULC, FM, VdS, CE, CNBOP	Yes	
	V2708	Pendent	Quick	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J	1, 2, 4, 6, 8, B, L	UL, ULC, FM	Yes	
	V2708	Recessed Pendent	Quick	5.6 8.1	1/2 13	1/2 13	A, C, E, F	1, 2, 4, 6, 8, B, L	UL, ULC, FM	Yes	
	* Sprinklers are UL Listed to 250 psi and FM Approved to 175 psi.										


Standard Orifice – Horizontal Sidewall – Light Hazard, Ordinary Hazard*

<div>V27 Frame</div> <div></div> <div>Standard Horizontal Sidewall</div>	V2709	Horizontal Sidewall	Standard	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC, FM #	No	40.11
	V2709	Recessed Hor. Sidewall	Standard	5.6 8.1	1/2 13	1/2 13	A, C, E, F	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC, FM #	No	
	V2710	Horizontal Sidewall	Quick	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J	1, 2, 4, 6, 8, B, L	UL, ULC, FM #	No	
	V2710	Recessed Hor. Sidewall	Quick	5.6 8.1	1/2 13	1/2 13	A, C, E, F	1, 2, 4, 6, 8, B, L	UL, ULC, FM #	No	
	* Sprinklers are UL Listed to 250 psi and FM Approved to 175 psi.										


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

V34 Frame  Pendent	V3401	Upright	Standard	8.0 11.5	3/4 ‡ 19	17/32 14	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC, FM, VdS, CE, CNBOP	Yes	40.15
	V3405	Pendent	Standard	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J, M	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC, FM	Yes	
	V3405	Recessed Pendent	Standard	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J, M	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC, FM	Yes	
	V3402	Upright	Quick	8.0 11.5	3/4 ‡ 19	17/32 14	A, C, E, F, J	1, 2, 4, 6, 8, B, L	UL, ULC, FM, VdS, CE, CNBOP	Yes	
	V3406	Pendent	Quick	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J	1, 2, 4, 6, 8, B, L	UL, ULC, FM	Yes	
	V3406	Recessed Pendent	Quick	8.0 11.5	3/4 19	17/32 14	A, C, E, F	1, 2, 4, 6, 8, B, L	UL, ULC, FM	Yes	

Large Orifice – Commercial – Horizontal Sidewall – Light Hazard, Ordinary Hazard

V34 Frame  Standard Horizontal Sidewall	V3409	Horizontal Sidewall	Standard	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC	No	40.16
	V3409	Recessed Hor. Sidewall	Standard	8.0 11.5	3/4 19	17/32 14	A, C, E, F	1, 2, 4, 5, 6, 7, 8, B, L	UL, ULC	No	
	V3410	Horizontal Sidewall	Quick	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J	1, 2, 4, 6, 8, B, L	UL, ULC	No	
	V3410	Recessed Hor. Sidewall	Quick	8.0 11.5	3/4 19	17/32 14	A, C, E, F	1, 2, 4, 6, 8, B, L	UL, ULC	No	

Standard Orifice – Conventional


V27 Frame  Conventional	V2725	Conventional	Standard	5.6 8.1	1/2 ‡ 13	1/2 13	A, C, E, F, J	1, 2, 5, 8, L	UL, ULC, VdS, CE	Yes	40.17
	V2726	Conventional	Quick	5.6 8.1	1/2 ‡ 13	1/2 13	A, C, E, F, J	1, 2, 8, L	UL, ULC, VdS, CE	Yes	

See notes on page 10.


FIRELOCK AUTOMATIC SPRINKLERS

Sprinkler Type	Model No.	Deflector Type	Response Category	K-Factor Imperial S.I. ‡	Nominal Thread Size In. (NPT)/mm	Nominal Orifice Size Inches/mm	Temp. Ratings °F/°C	Available Sprinkler Finishes (See table - page 2)	Approvals Listing †	Sprinkler Guard Available	Submittal Literature Number
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Standard Orifice – European Pendant


V27 Frame  Pendant	V2727	VdS Pendant	Standard	5.6 8.1	1/2 NPT 15 mm BSP	1/2 13	A, C, E, F, J, M	1, 2, 4, 8, G, L	VdS, CE, CNBOP	Yes	40.18
	V2728	VdS Pendant	Quick	5.6 8.1	1/2 NPT 15 mm BSP	1/2 13	A, C, E, F, J, M	1, 2, 4, 8, G, L	VdS, CE, CNBOP	Yes	

Large Orifice – European Pendant

V34 Frame  Pendant	V3423	VdS Pendant	Standard	8.0 11.5	3/4 NPT 20 mm BSP	17/32 14	A, C, E, F, J, M	1, 2, 4, 8, G, L	VdS, CE, CNBOP	Yes	40.19
	V3424	VdS Pendant	Quick	8.0 11.5	3/4 NPT 20 mm BSP	17/32 14	A, C, E, F, J, M	1, 2, 4, 8, G, L	VdS, CE, CNBOP	Yes	


SPECIFIC APPLICATION

Specific Application – Upright


V25 Frame  Upright	V2502	Upright	Quick	4.2 6.0	1/2 13	7/16 11	E	1	UL, ULC	No	40.09

STORAGE


(ELO) Extra Large Orifice – Ordinary Hazard, Storage

V34 Frame  Pendant	V3407	Pendant	Standard	11.2 16.1	3/4 19	5/8 16	A, C, E, F, J, M	1, 5, 6, 7, 8	UL, ULC, FM	Yes	40.20
	V3403	Upright	Standard	11.2 16.1	3/4 19	5/8 16	A, C, E, F, J, M	1, 5, 6, 7, 8	UL, ULC, FM	Yes	
	V3408	Pendant	Quick	11.2 16.1	3/4 19	5/8 16	A, C, E, F, J	1, 6, 8	UL, ULC, FM	Yes	
	V3404	Upright	Quick	11.2 16.1	3/4 19	5/8 16	A, C, E, F, J	1, 6, 8	UL, ULC, FM	Yes	

Intermediate Level – Rack Storage, Ordinary Hazard

V27 Frame  Pendant	V2723	Pendant	Standard	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J	1	UL, ULC, FM	Yes	40.22
	V2721 †	Upright	Standard	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J	1	UL, ULC, FM	Yes*	
	V2724	Pendant	Quick	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J	1	UL, ULC, FM	Yes	
	V2722 †	Upright	Quick	5.6 8.1	1/2 13	1/2 13	A, C, E, F, J	1	UL, ULC, FM	Yes*	
	† Available with guard and shield or shield only. Specify at time of order. * Standard upright and guard with shield must be ordered separately to achieve intermediate upright.										

Large Orifice – Intermediate Level – Rack Storage, Ordinary Hazard


V34 Frame  Pendant	V3419	Pendant	Standard	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J	1	UL, ULC, FM	Yes	40.23
	V3417 †	Upright	Standard	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J	1	UL, ULC, FM	Yes*	
	V3420	Pendant	Quick	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J	1	UL, ULC, FM	Yes	
	V3418 †	Upright	Quick	8.0 11.5	3/4 19	17/32 14	A, C, E, F, J	1	UL, ULC, FM	Yes*	
	† Available with guard and shield or shield only. Specify at time of order. * Standard upright and guard with shield must be ordered separately to achieve intermediate upright.										

See notes on page 10.


FIRELOCK AUTOMATIC SPRINKLERS

Sprinkler Type	Model No.	Deflector Type	Response Category	K-Factor Imperial S.I. §	Nominal Thread Size In. (NPT)/mm	Nominal Orifice Size Inches/mm	Temp. Ratings °F/°C	Available Sprinkler Finishes (See table - page 2)	Approvals Listing †	Sprinkler Guard Available	Submittal Literature Number
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(ESFR) Early Suppression Fast Response


K1 Frame  Pendent	AS1451	Pendent	Fast	14.0 20.2	3/4 19	3/4 19	C, F	1	UL, ULC, FM	No	40.24

(ESFR) Early Suppression Fast Response


 Pendent	VK510	Pendent	Fast	25.2 36.3	1 25	1 25	D, P	1	cULus, FM, VdS	No	40.25

EXTENDED COVERAGE


(ECLH) Extended Coverage Extra Large Orifice – Light Hazard

V34 Frame  Pendent	V3411	Pendent	Standard	11.2 16.2	3/4 19	5/8 16	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	40.30
	V3411	Recessed Pendent	Standard	11.2 16.2	3/4 19	5/8 16	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	
	V3412	Pendent	Quick	11.2 16.2	3/4 19	5/8 16	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	
	V3412	Recessed Pendent	Quick	11.2 16.2	3/4 19	5/8 16	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	


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

V34 Frame  Pendent	V3413	Pendent	Standard	14.0 20.2	3/4 19	3/4 19	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	40.31
	V3413	Recessed Pendent	Standard	14.0 20.2	3/4 19	3/4 19	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	
	V3414	Pendent	Quick	14.0 20.2	3/4 19	3/4 19	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	
	V3414	Recessed Pendent	Quick	14.0 20.2	3/4 19	3/4 19	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	


(ECLH) Extended Coverage Extra Large Orifice – Horizontal Sidewall – Light Hazard

V34 Frame  Horizontal Sidewall	V3415	Horizontal Sidewall	Standard	8.0 11.5	3/4 19	17/32 14	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	40.33
	V3415	Recessed Hor. Sidewall	Standard	8.0 11.5	3/4 19	17/32 14	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	
	V3416	Horizontal Sidewall	Quick	8.0 11.5	3/4 19	17/32 14	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	
	V3416	Recessed Hor. Sidewall	Quick	8.0 11.5	3/4 19	17/32 14	A, C, E, F	1, 2, 4, 8, B, L	UL, ULC, FM	No	

(ECHO) Extended Coverage – Ordinary Hazard

V34 Frame  Pendent	V3421	Pendent	Standard	14.0 20.2	3/4 19	3/4 19	C, E, F, J	1, 2, 4, B, L	UL, ULC	No	40.34
	V3421	Recessed Pendent	Standard	14.0 20.2	3/4 19	3/4 19	C, E, F, J	1, 2, 4, B, L	UL, ULC	No	

(ECHO) Extended Coverage – Ordinary Hazard

 Pendent	VK532	Upright	Standard	11.2 16.2	3/4 19	5/8 16	C, E, F, J	1, 2, 4, B	cULus, FM, VdS	No	40.35
	VK534	Pendent	Standard	11.2 16.2	3/4 19	5/8 16	C, E, F	1, 2, 4	cULus, FM, VdS	No	


See notes on page 10.

FIRELOCK AUTOMATIC SPRINKLERS

Sprinkler Type	Model No.	Deflector Type	Response Category	K-Factor Imperial S.I. §	Nominal Thread Size In. (NPT)/mm	Nominal Orifice Size Inches/mm	Temp. Ratings °F/°C	Available Sprinkler Finishes (See table - page 2)	Approvals Listing †	Sprinkler Guard Available	Submittal Literature Number
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SMALL ORIFICE

Small Orifice – Light Hazard


V27 Frame  Upright	V2705	Pendent	Standard	2.8 4.0	1/2 13	3/8 10	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, L	UL, ULC	Yes	40.40
	V2701	Upright	Standard	2.8 4.0	1/2 13	3/8 10	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, L	UL, ULC, FM	Yes	
	V2705	Recessed Pendent	Standard	2.8 4.0	1/2 13	3/8 10	A, C, E, F, J, K, M	1, 2, 4, 5, 6, 7, 8, L	UL, ULC	Yes	
	V2706	Pendent	Quick	2.8 4.0	1/2 13	3/8 10	A, C, E, F, J	1, 2, 4, 6, 8, L	UL, ULC	Yes	
	V2702	Upright	Quick	2.8 4.0	1/2 13	3/8 10	A, C, E, F, J	1, 2, 4, 6, 8, L	UL, ULC, FM	Yes	
	V2706	Recessed Pendent	Quick	2.8 4.0	1/2 13	3/8 10	A, C, E, F, J	1, 2, 4, 6, 8, L	UL, ULC	Yes	

RESIDENTIAL


Residential – Horizontal Sidewall

<div>V27 Frame</div> <div></div> <div>Horizontal Sidewall</div>	V2738 #	Horizontal Sidewall	Quick	4.2 6.1	1/2 13	7/16 11	C, E	1, 2, 4, 8, L	UL, ULC	No	40.54
	V2738 #	Recessed Hor. Sidewall	Quick	4.2 6.1	1/2 13	7/16 11	C, E	1, 2, 4, 8, L	UL, ULC	No	
	# Approved for use on sloped ceilings										


Residential – Pendent

<div>V27 Frame</div> <div></div> <div>Pendent</div>	V2730 #	Pendent	Quick	4.9 7.1	1/2 13	7/16 11	C, E	1, 2, 4, 8, L	UL, ULC	No	40.41
	V2730 #	Recessed Pendent	Quick	4.9 7.1	1/2 13	7/16 11	C, E	1, 2, 4, 8, L	UL, ULC	No	
	V2732 #	Pendent	Quick	4.9 7.1	1/2 13	7/16 11	C, E	1, 2, 4, 8, L	UL, ULC	No	
	V2732 #	Recessed Pendent	Quick	4.9 7.1	1/2 13	7/16 11	C, E	1, 2, 4, 8, L	UL, ULC	No	
	# Approved for use on sloped and beamed ceilings										


Residential – Concealed Pendent

<div></div> <div>Concealed Pendent</div>	V2734 #	Concealed Pendent	Quick	4.9 7.1	1/2 13	7/16 11	C	2, 4, 8, B, L	UL, ULC	No	40.42
	V2736	Concealed Pendent	Quick	4.9 7.1	1/2 13	7/16 11	C	2, 4, 8, B, L	UL, ULC	No	
	NOTE: Use V2734 for room sizes up to 16 ft. and use V2736 for room sizes 18 ft. – 20 ft. # Approved for use on sloped ceilings										

Residential – Low Flow Adjustable Concealed Pendent

V38 Frame  Concealed Pendent	V3806	Concealed Pendent	Quick	5.6 8.1	1/2 13	7/16 11	C	1, 2, 4, 8, L	UL, ULC	No	40.43
	NOTE: Approved for room sizes up to 20 ft.										

Residential – Adjustable Flush Pendent

<div><div>V29 Frame</div><div></div><div>Flush Pendent</div></div>	V2902 #	Pendent	Quick	4.1 6.1	1/2 13	7/16 11	C	2, 4, 8	UL, ULC	No	40.44
	# Approved for use on sloped ceilings										


See notes on page 10.

FIRELOCK AUTOMATIC SPRINKLERS


Sprinkler Type	Model No.	Deflector Type	Response Category	K-Factor Imperial S.I. §	Nominal Thread Size In. (NPT)/mm	Nominal Orifice Size Inches/mm	Temp. Ratings °F/°C	Available Sprinkler Finishes (See table - page 2)	Approvals Listing †	Sprinkler Guard Available	Submittal Literature Number
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RESIDENTIAL (RETROFIT/REPLACEMENT ONLY)

Residential


<div>V27 Frame</div> <div></div> <div>Pendent</div>	V2714	Pendent	Quick	3.0 4.3	1/2 13	7/16 11	C	1, 2, 4, 8	UL, ULC	No	40.45
	V2714	Recessed Pendent	Quick	3.0 4.3	1/2 13	7/16 11	C	1, 2, 4, 8	UL, ULC	No	
	V2716	Pendent	Quick	3.5 5.1	1/2 13	7/16 11	C	1, 2, 4, 8	UL, ULC	No	
	V2716	Recessed Pendent	Quick	3.5 5.1	1/2 13	7/16 11	C	1, 2, 4, 8	UL, ULC	No	
	NOTE: Pendent – K3.0 for room sizes up to 16' X16' (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). Horizontal Sidewall – K3.5 for room sizes up to 16' X 16' (4,9 X 4,9 m)										

Residential – Horizontal Sidewall


V27 Frame  Horizontal Sidewall	V2718	Horizontal Sidewall	Quick	3.5 5.1	1/2 13	7/16 11	C	1, 2, 4, 8	UL, ULC	No	40.46
	V2718	Recessed Hor. Sidewall	Quick	3.5 5.1	1/2 13	7/16 11	C	1, 2, 4, 8	UL, ULC	No	

DECORATIVE

Decorative – Adjustable Concealed Pendent – Light Hazard, Ordinary Hazard


V38 Frame 	V3801	Conc. Pend. & Cover Plate	Standard	5.6 8.1	1/2 13	1/2 13	A, C, E, F	2, 4, 8, L	UL, ULC	No	40.50
	V3802	Conc. Pend. & Cover Plate	Quick	5.6 8.1	1/2 13	1/2 13	A, C, E, F	2, 4, 8, L	UL, ULC, FM®	No	
	V38	Replacement Cover Plate only	Standard/ Quick	— —	— —	— —	A, D ^	2, 4, 8, L	UL, ULC, FM	No	
	<p>^ 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. Proper temperature rated cover must be used with the correct sprinkler rating.</p> <p>® Recognized by FM as standard response only.</p> <p>NOTE: Cover plate available with ceiling gasket, see submittal 40.53. Contact Victaulic for details.</p>										

Decorative – Adjustable Concealed Pendent – Extended Coverage - Light Hazard

V39 Frame  Adj. Concealed Pendent	V3904	Adj. Conc. Pendent	Quick	8.0 11.5	3/4 19	17/32 14	A, C, F	2, 4, 8, L	UL, C-UL	No	40.71

DRY

Dry – Standard Spray - Light Hazard, Ordinary Hazard, Storage


V36 Frame  Pendent	V3605	Pendent	Standard	5.6 8.1	1 25	1/2 13	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL, FM	Yes	40.60
	V3605	Recessed Pendent	Standard	5.6 8.1	1 25	1/2 13	A, C, F	1, 2, 4, 8, B, L	UL, C-UL, FM	Yes	
	V3605	Intermediate Pendent	Standard	5.6 8.1	1 25	1/2 13	A, C, F	1, 2, 4, 8, B, L	UL, C-UL, FM	Yes	
	V3606	Pendent	Quick	5.6 8.1	1 25	1/2 13	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL, FM	Yes	
	V3606	Recessed Pendent	Quick	5.6 8.1	1 25	1/2 13	A, C, F	1, 2, 4, 8, B, L	UL, C-UL, FM	Yes	
	V3606	Intermediate Pendent	Quick	5.6 8.1	1 25	1/2 13	A, C, F	1, 2, 4, 8, B, L	UL, C-UL, FM	Yes	

See notes on page 10.


FIRELOCK AUTOMATIC SPRINKLERS

Sprinkler Type	Model No.	Deflector Type	Response Category	K-Factor Imperial S.I. §	Nominal Thread Size In. (NPT)/mm	Nominal Orifice Size Inches/mm	Temp. Ratings °F/°C	Available Sprinkler Finishes (See table - page 2)	Approvals Listing †	Sprinkler Guard Available	Submittal Literature Number
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Dry – Standard Spray - Light Hazard, Ordinary Hazard, Storage

V36 Frame  Pendent	V3607	Pendent	Standard	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	Yes	40.61
	V3607	Recessed Pendent	Standard	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	Yes	
	V3607	Intermediate Pendent	Standard	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	Yes	
	V3608	Pendent	Quick	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	Yes	
	V3608	Recessed Pendent	Quick	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	Yes	
	V3608	Intermediate Pendent	Quick	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	Yes	


Dry – Standard Spray - Light Hazard, Ordinary Hazard, Storage

V36 Frame  Dry Upright	V3601	Upright	Standard	5.6 8.1	1 25	1/2 13	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	Yes	40.62
	V3602	Upright	Quick	5.6 8.1	1 25	1/2 13	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	Yes	


Dry – Standard Spray - Light Hazard, Ordinary Hazard, Storage

V36 Frame  Dry Upright	V3603	Upright	Standard	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL, FM	Yes	40.63
	V3604	Upright	Quick	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL, FM	Yes	


Dry – Horizontal Sidewall and Recessed Horizontal Sidewall - Light Hazard

V36 Frame  Horizontal Sidewall	V3609	Horizontal Sidewall	Standard	5.6 8.1	1 25	1/2 13	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	No	40.64
	V3609	Recessed Hor. Sidewall	Standard	5.6 8.1	1 25	1/2 13	A, C, F	1, 2, 4, 8, B, L	UL, C-UL	No	
	V3610	Horizontal Sidewall	Quick	5.6 8.1	1 25	1/2 13	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	No	
	V3610	Recessed Hor. Sidewall	Quick	5.6 8.1	1 25	1/2 13	A, C, F	1, 2, 4, 8, B, L	UL, C-UL	NO	

Dry – Horizontal Sidewall and Recessed Horizontal Sidewall - Light Hazard


V36 Frame  Horizontal Sidewall	V3611	Horizontal Sidewall	Standard	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	No	40.65
	V3611	Recessed Hor. Sidewall	Standard	8.0 11.5	1 25	17/32 14	A, C, F	1, 2, 4, 8, B, L	UL, C-UL	No	
	V3612	Horizontal Sidewall	Quick	8.0 11.5	1 25	17/32 14	A, C, F, J	1, 2, 4, 8, B, L	UL, C-UL	No	
	V3612	Recessed Hor. Sidewall	Quick	8.0 11.5	1 25	17/32 14	A, C, F	1, 2, 4, 8, B, L	UL, C-UL	No	

Dry – Standard Spray – Concealed Pendent - Light Hazard, Ordinary Hazard

V36 Frame  Concealed Pendent	V3617	Concealed Pendent	Standard	5.6 8.1	1 25	1/2 13	A, C, F	2, 4, 8, B, L	UL, C-UL	No	40.66
	V3618	Concealed Pendent	Quick	5.6 8.1	1 25	1/2 13	A, C, F	2, 4, 8, B, L	UL, C-UL	No	


See notes on page 10.

FIRELOCK AUTOMATIC SPRINKLERS


Sprinkler Type	Model No.	Deflector Type	Response Category	K-Factor Imperial S.I. §	Nominal Thread Size In. (NPT)/mm	Nominal Orifice Size Inches/mm	Temp. Ratings °F/°C	Available Sprinkler Finishes (See table - page 2)	Approvals Listing †	Sprinkler Guard Available	Submittal Literature Number
Dry – Standard Spray - Light Hazard, Ordinary Hazard											
V36 Frame  Concealed Pendent	V3619	Concealed Pendent	Standard	8.0 11.5	1 25	1/2 13	A, C, F, J	2, 4, 8, B, L	UL, C-UL	No	40.67
	V3620	Concealed Pendent	Quick	8.0 11.5	1 25	1/2 13	A, C, F	2, 4, 8, B, L	UL, C-UL	No	

NOZZLES

Window Sprinklers

V10 Frame 	V1001	Window Sprinkler	Open	1.4 2.0	1/2 13	1/4 7	N/A	1,2	UL, C-UL	No	40.72
	V1003			2.0 2.9	1/2 13	5/16 8		1,2	UL, C-UL	No	
	V1005			2.8 4.0	1/2 13	3/8 10		1,2	UL, C-UL	No	
	V1007			4.2 5.9	1/2 13	7/16 11		1,2	UL, C-UL	No	
	V1009			5.6 8.1	1/2 13	1/2 13		1,2	UL, C-UL	No	
	V1011			8.0 11.5	3/4 19	17/32 14		1,2	UL, C-UL	No	
	V1013			11.4 16.3	3/4 19	5/8 16		1,2	UL, C-UL	No	

Open Foam Nozzles

V26 Frame 	V2601	Foam Nozzles	Open	2.8 4.0	1/2 13	3/8 10	N/A	1	UL	No	40.73
	V2603	Foam Nozzles		5.6 8.1	1/2 13	1/2 13		1	UL	No	

NOTES








§ For K-Factor when pressure is measured in Bar, multiply S.I. units by 10.0.







† Not all combinations of temperature ratings and wax finishes are Approved or Listed. Check specific submittals for combinations. V27 and V34 units are MEA (#62-99-E) and CSFM (#7690-0531:112) Approved.*

‡ Available in British Standard Pipe Threads. Contact Victaulic for details.

*Recognized by FM as Standard Response only.

FIRELOCK DEVICES AND VALVES



Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi		Notes	Pub. No.
			Standard	Light		
FIRELOCK ACTUATED VALVES						
	UL, FM, MEA CSFM	1½ - 6	300	300	MEA Approved #210-98-E CSFM Listing #7770-0531:109 CSFM Listing #7770-0531:103 Approved for vertical or horizontal installation.	30.01
	UL, FM	8	225	225	MEA Approved #210-98-E CSFM Listing #7770-0531:109 CSFM Listing #7770-0531:103 Approved for vertical or horizontal installation.	
	UL, FM, MEA, CSFM	1½ - 6	300	300	MEA Approved #248-98-E CSFM Listing #7770-0531:111	30.03
		8	225	225		
	UL, FM, MEA CSFM	1½ - 6	300	300	MEA Approved #248-98-E CSFM Listing #7770-0531:110	30.04
	UL, FM	8	225	225	MEA Approved #248-98-E CSFM Listing #7770-0531:110	
	UL, FM, MEA CSFM	1½ - 6	300	300	MEA Approved #248-98-E CSFM Listing #7770-0531:110	30.05
		8	225	225		
	UL, ULC, FM	3 - 8"	175	175		30.02
	UL, FM, MEA CSFM	1½ - 6	300	300	MEA Approved #248-98-E CSFM Listing #7770-0531:111 CSFM Listing #7770-0531:110 Available with Dry, Deluge, or Preaction devices.	30.23
	UL, FM, MEA CSFM	1½ - 6	300	300	MEA Approved #248-98-E CSFM Listing #7770-0531:111 CSFM Listing #7770-0531:110 Available with Dry, Deluge, or Preaction devices.	30.20
	UL, FM, MEA CSFM	8	225	225	MEA Approved #248-98-E CSFM Listing #7770-0531:111 CSFM Listing #7770-0531:110 Available with Dry, Deluge, or Preaction devices.	

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi		Notes	Pub. No.
			Standard	Light		
GROOVED END VALVES						
Series 705W Butterfly Valve 	UL, FM, MEA, CSFM	2½, 3, 4, 5, 6, 8, 10, 12	300	300	MEA Approved #276-99-E Indoor/Outdoor use weatherproof operator. CSFM Listing #7770-0531:113.	10.18
Series 705W Butterfly Valve with Tap 	UL, FM, MEA, CSFM	2½, 3, 4, 5, 6, 8, 10, 12	300	300	MEA Approved #276-99-E Indoor/Outdoor use weatherproof operator. CSFM Listing #7770-0531:113.	10.18
Series 728 FireLock Ball Valve 	UL, FM, BSA, CSFM	Threaded 1, 1¼, 1½, 2	350	350	Indoor/Outdoor use weatherproof operator.	10.17
	UL, FM, BSA,CSFM	Grooved 1¼, 1½, 2	350	350	Indoor/Outdoor use weatherproof operator.	
Series 717 FireLock Check Valve 	UL, MEA	2½, 3, 4, 5, 5½,* 6, 6½*, 8, 10, 12 *MEA	250	250	Listed/Approved for single check and anti-water hammer service; for horizontal or vertical installation. Pressure rating of Series 717R is based on the rating of Riser Check Kit when equipped for this service. MEA Approved #159-94-E, Vol. 2 to 250 psi.	10.08
	FM	4, 5, 6, 8, 10, 12	250	250	Listed/Approved for single check and anti-water hammer service; for horizontal or vertical installation. Pressure rating of Series 717R is based on the rating of Riser Check Kit when equipped for this service.	
Series 717R 	UL	4, 5, 6, 8	200	200	Listed/Approved for single check and anti-water hammer service; for horizontal or vertical installation. Pressure rating of Series 717R is based on the rating of Riser Check Kit when equipped for this service. MEA Approved #159-94-E, Vol. 2 to 200 psi.	10.09
	MEA	4, 5, 5½, 6, 6½, 8				
	FM	4, 5, 6, 8, 10, 12	250	250	Listed/Approved for single check and anti-water hammer service; for horizontal or vertical installation. Pressure rating of Series 717R is based on the rating of Riser Check Kit when equipped for this service.	
Series 722 Ball Valve (Thd.) 	UL	½ - 2	175	N/A	N/A	10.11
	FM	½, ¾ 1 - 2	600 500	N/A N/A	N/A	



COUPLINGS AND FITTINGS









Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi		Notes (See Coupling and Fitting Notes on page 15)	Pub. No.
			Standard	Light		



FIRELOCK COUPLINGS AND FITTINGS

Style 005 Rigid FireLock Coupling 	UL	1 ¹ / ₄ - 4 5 - 8	350 300	350 300	3, 6, 7, 12, 16 13, 17, 29	10.02
	FM	1 ¹ / ₄ - 4 5 - 8	350 300	– –	1, 2, 3, 4, 5, 6, 7, 17, 29	
Style 009 FireLock EZ Coupling 	UL	1 ¹ / ₄ - 4	300	300		10.60
	FM	1 ¹ / ₄ - 4	300	300		
FireLock Fittings 	UL	2 - 4 5 - 8	350 300	–	–	10.03
	FM	2 - 4 5 - 8	350 300	–	1, 2	
Style 744 FireLock Vic-Flange Adapter 	UL	2 - 8	175	175	–	10.04
	FM	2 - 8	175	175	–	
Style 006 FireLock End Caps 	UL	1 ¹ / ₄ - 1 ¹ / ₂ 2 - 4 5 - 8	175 350 300	175 – –	–	10.03
	FM	1 ¹ / ₄ - 4 5 - 8	350 300	350 300	1, 2	

STANDARD COUPLINGS AND FITTINGS

Style 07 Zero-Flex® Rigid Coupling 	UL	1 - 4 5 - 6 8 10 - 12 16 - 18	500 500 450 400 –	500 400 400 350 175	3, 6, 7, 11, 12, 13, 14, 15, 16, 17 11, 12, 13, 14, 15 12, 13, 14, 15 12, 13, 14 12	06.02
	FM	1 ¹ / ₂ - 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	
Style 77 Flexible Coupling 	UL	³ / ₄ - 12 1 - 12 16 - 18	500 – –	– 450 175	12, 14, 15 3, 6, 7, 12, 13, 16, 17, 18, 19 12	06.04
	FM	1 - 12 14 1 - 4	500 300 500	450 300 450	1, 2A, 3, 4, 5, 6, 7, 10, 25 5 11	

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi		Notes (See Coupling and Fitting Notes on page 15)	Pub. No.
			Standard	Light		
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	06.05
	FM	1½ - 8 1½ - 4 5 - 8	500 500 300	– 500 300	1, 2A, 3, 4, 5, 6, 7, 26 5 5, 10	
Grooved Fittings 	UL	¾ - 12 14 - 24 ¾ - 6	500 300 500	500 – 500	12, 14, 15 12 11	07.01
	FM	¾ - 12	500	500	1, 2A, 5, 27	
Style 741 Vic-Flange® 	UL	2 - 12	250	250	13	06.06
	FM	2 - 12	250	250	1, 2A, 5, 10, 21	
Style 743 Vic-Flange® 	UL	2½ - 12	500	–	–	06.06
	FM	2½ - 12	500	–	1, 2A	
Style 72 Outlet Coupling 	UL	1½ X 1½ - 4 X 1 4 X 1½ - 6 X 2	500 400	500 400	13 13	06.10
	FM	1½ X 1½ - 4 X 1 4 X 1½ - 6 X 2	500 400	500 400	1, 2A, 5, 22 5, 22	
Style 750 Reducing Coupling 	UL	2 X 1½ - 8 X 6	350	300	3, 13, 20	06.08
	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 	UL	2 - 8 10 - 12 2 - 6	750 700 750	500 500 500	12, 13, 14, 15 12, 13 11	06.12
	FM	2 - 8 10 - 12	750 700	500 500	1, 2A, 5, 23 5, 23	
Style 791 Vic-Boltless® Flexible Coupling 	UL	2 - 4 6 8	350 350 350	350 300 250	12, 13 12, 13 12, 13	06.11
	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 Working Pressure Pipe Wall – psi		Notes (See Coupling and Fitting Notes on page 15)	Pub. No.
			Standard	Light		
No. 10-DR Drain Elbow 	UL	2½ - 6	500	500	12	10.05
	FM	2½ - 6	500	500	1, 2A, 5	
No. 67 Vic-End II End of Run Fitting 	UL	1¼ X ½, ¾, 1 1½ X ½, ¾, 1 2 X ½, ¾, 1 2½ X ½, ¾, 1	500 500 500 500	500 500 500 500	–	10.21
	FM	1¼ X ½, ¾, 1 1½ X ½, ¾, 1 2 X ½, ¾, 1 2½ X ½, ¾, 1	500 500 500 500	500 500 500 500	–	

COUPLING AND FITTING NOTES

1 – MEA Approved #230-96-E

2 – CSFM Listing #7515-0531:104

2A – CSFM Listing #7515-0531:001

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.

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 Styles 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 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

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi	Notes	Pub. No.
			Standard		





CPVC PRODUCTS

Couplings, Elbows, Sprinkler Head Elbows 	UL/FM	$\frac{3}{4}$ - 2	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Tee, Sprinkler Head Tee, Reducer Coupling 	UL/FM	$\frac{3}{4}$ - 2	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Grooved Coupling Adapter, Cross 	UL/FM	$\frac{3}{4}$ - 2	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Union, Cap, Female Threaded Adapter 	UL/FM	$\frac{3}{4}$ - 2	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Reducer Bushing 	UL/FM	1 X $\frac{3}{4}$ - 2 X $1\frac{1}{2}$	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Spigot Female Adapters 	UL/FM	$\frac{3}{4}$ - 1	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Female Sprinkler Head Adapters 	UL/FM	$\frac{3}{4}$ X $1\frac{1}{2}$ - 1 X $\frac{3}{4}$	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Spigot Sprinkler Head Adapters 	UL/FM	$\frac{3}{4}$ X $1\frac{1}{2}$ - 1 X $1\frac{1}{2}$	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Adjustable Sprinkler Head Adapters 	UL/FM	$\frac{3}{4}$ X $1\frac{1}{2}$ - 1 X $1\frac{1}{2}$	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01
Pipe	UL/FM	$\frac{3}{4}$ - 2	175	Please refer to the latest Installation and Maintenance Manual (I-800 for cross usage with other manufacturer's CPVC products. Pressure rating is based upon a maximum temperature of +150°F/+66°C	80.01

OTHER PRODUCTS

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi		Notes (See Hole Cut Notes below)	Pub. No.
			Standard	Light		

HOLE CUT PRODUCTS

Style 920/920N Mechanical-T® Outlet 	UL	3 X 1 ¹ / ₄ thru 6 X 2 ¹ / ₂ & 8 X 2 ¹ / ₂	400	400	1, 2, 3, 4, 5	11.02
	FM	3 X 1 ¹ / ₄ thru 6 X 2 ¹ / ₂ & 8 X 2 ¹ / ₂	400	400	2, 3, 4, 5, 6	
	UL	6 X 3, 6 X 4 & 8 X 3	300	300	3	
	FM	6 X 3, 6 X 4, 8 X 3 & 8 X 4	300	250	5, 6	
Style 920/920N Cross Assemblies 	UL	3 X 1 ¹ / ₄ thru 6 X 2 ¹ / ₂ & 8 X 2 ¹ / ₂	400	400	1, 2, 3, 4, 5	11.03
	FM	3 X 1 ¹ / ₄ thru 6 X 2 ¹ / ₂ & 8 X 2 ¹ / ₂	400	400	2, 3, 4, 5, 6	
	UL	6 X 3, 6 X 4 & 8 X 3	300	300	3	
	FM	6 X 3, 6 X 4, 8 X 3 & 8 X 4	300	250	5, 6	
Style 922 FireLock Outlet-T 	UL	1 ¹ / ₄ " thru 2 ¹ / ₂ "	300	300	3, 6, 7	10.52
	FM	1 ¹ / ₄ " thru 2 ¹ / ₂ "				
Style 923 Vic-Let™ 	UL	4 - 8 X 1 ¹ / ₂ , ³ / ₄ 10 & 12 X 1 ¹ / ₂ , ³ / ₄	175 175	175 175	–	11.05

HOLE CUT 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 FlushSeal or silicone gasket with coupling Styles 77, 07, 005, 75, 791 and HP-70).

4 – Styles 07, 77, and 920 are UL Listed and FM Approved in 2¹/₂ - 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 1¹/₄ - 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 1¹/₄ - 2¹/₂".



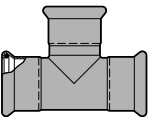
9 – UL Listed and FM Approved on Wheatland Tube, Mega-Flow, Mega-Light, Mega-Thread, Mega-10 and Mega-40 pipe manufactured by Wheatland Tube Companies.

10 – UL Listed and FM Approved on Central "X", Central Thread pipe manufactured by Central Grooved Piping Products.





OTHER PRODUCTS

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi		Notes	Pub. No.
			Standard	Light		

PRESSFIT® SYSTEM

Style 505 Standard Coupling 	UL, ULC, FM, MEA, CSFM	3/4 - 2	–	–	All of the products at listed in this table are UL Listed for dry pipe systems down to -40°F/-40°C. All products listed are MEA Approved #259-91-M and CSFM Listed #7515-0531:106. 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. 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.	12.02
Style 506 Slip Coupling 	UL, ULC, FM, MEA, CSFM	3/4 - 2	–	–		12.02
Pressfit Fittings 	UL, ULC, FM, MEA, CSFM	3/4 - 2	–	–		12.02



ACCESSORIES

Style 735 Fire Pump Test Meter 	FM	2 1/2 - 12-L 2 1/2 - 12-S	175 500	–	MEA (BSA) Approved #413-53 Minimum schedule pipe to be joined: 3 1/2" or smaller/sch. 10; 4" or larger/0.188" wall.	10.11
Style 747 Riser Manifold Assembly 	UL, FM	2 - 6	250	–	Available with pressure relief valve. Maximum rating for TestMaster II with pressure relief valve is 175 psi/1205 kPa.	10.96
Style 720G TestMaster™ II Test and Drain Device 	UL, ULC	1 1/4 - 2	300	300	Victaulic recommends optional grade "L" silicone gaskets for fire protection dry systems and all systems operating below 0°F. Available with gauge port. Available with pressure relief valve. Maximum rating for TestMaster II with pressure relief valve is 175 psi/1205 kPa.	10.22
Style 720T TestMaster™ II Test and Drain Device 	UL, ULC	1 - 2	300	300	Available with gauge port. Available with pressure relief valve. Maximum rating for TestMaster II with pressure relief valve is 175 psi/1205 kPa.	10.22




OTHER PRODUCTS

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi	Notes	Pub. No.
			Standard (Sch. 40)		

PLAIN END

Style 99 Roust-A-Bout® Coupling 	UL	2 - 12	250	MEA Approved (BSA) #413-53-SM CSFM Listing #7515-0531:001 UL Listed for Schedule 40 steel pipe only. Nuts must be tightened to published torque specifications.	14.02
Plain End Fittings 	UL	1 - 6	150	–	14.04





GROOVED END COPPER

Style 606 Copper Coupling 	UL	2½ - 8	175	MEA Approved #154-96-E CSFM Listing #7515-0531:108 Roll grooving tools must be equipped only with Victaulic rolls designed for grooving copper tube (color coded copper).	22.02
	ULC	2 - 8	175	MEA Approved #154-96-E CSFM Listing #7515-0531:108 Roll grooving tools must be equipped only with Victaulic rolls designed for grooving copper tube (color coded copper).	
Style 641 Copper Flange 	UL	2½ - 6	175	MEA Approved #154-96-E CSFM Listing #7515-0531:108 Roll grooving tools must be equipped only with Victaulic rolls designed for grooving copper tube (color coded copper).	22.03
	ULC	2 - 6	175	MEA Approved #154-96-E CSFM Listing #7515-0531:108 Roll grooving tools must be equipped only with Victaulic rolls designed for grooving copper tube (color coded copper).	
Copper Fittings 	UL	2 X 1 thru 8 X 6	175	MEA Approved #154-96-E CSFM Listing #7515-0531:107	22.04
	ULC	2 - 8	175	MEA Approved #154-96-E CSFM Listing #7515-0531:107	

UNDERGROUND PRODUCTS

Victaulic Product/Style	Listing Approval Agency	Pipe Size Range Inches	Rated Working Pressure Pipe Wall – psi	Notes	Pub. No.
			Standard		

UNDERGROUND DUCTILE (AWWA)

Style 31 Coupling 	UL	4 - 14 16	250 175	For joining ductile iron pipe only, in underground mains.	23.02
	FM	4 - 12 14 - 16	250 175	For joining ductile iron pipe only, in underground mains.	
Style 307 Coupling 	UL	3 - 12	175	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.	23.03
	FM	3 - 12	175	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.	
Style 341 Vic-Flange Adapter 	UL	4 - 12	175	For joining ductile iron pipe only, in underground mains.	23.04
	FM	4 - 12	175	For joining ductile iron pipe only, in underground mains.	
Fittings 	UL	4 X 4 X 3 thru 12 X 12 X 10 4 - 12	175 175	–	23.05
	FM	4 - 12	175	For joining ductile iron pipe only, in underground mains.	

UNDERGROUND HDPE PLASTIC

Style 994 HDPE Flange Adapter 	FM	4 - 8		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 Joint rated to working pressure of pipe. FM Approved for underground use only.	19.04
Style 995 HDPE Coupling 	FM	4 - 14		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 Joint rated to working pressure of pipe. FM Approved for underground use only.	19.02
Style 997 HDPE-to-Steel Transition Coupling 	FM	4 - 14		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 Joint rated to working pressure of pipe. FM Approved for underground use only.	19.03