

Victaulic® FireLock® Low-Profile Sprinkler-Tee Style 912



Style 912

1.0 PRODUCT DESCRIPTION

Available Sizes

- 1", 1 ¼", 1 ½"/DN25, DN32, DN40
- Threaded Outlet Sizes: ½"/15mm BSPP

Maximum Working Pressure

- 232 psi/1600 kPa/16 bar

Application

- Provides a convenient method of incorporating low profile outlets for directly connecting sprinklers and nozzles

Pipe Material

- Carbon Steel

2.0 CERTIFICATION/LISTINGS



EN 10311
Regulation (EU)
No. 305/2011

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

System No.		Location	
Submitted By		Date	

Spec Section		Paragraph	
Approved		Date	

3.0 SPECIFICATIONS – MATERIAL

Housing: Ductile iron conforming to ASTM A536, Grade 65-45-12. Ductile iron conforming to ASTM A395, Grade 65-45-15, is available upon special request.

Housing Coating: (specify choice)

- Red enamel.
- Hot-dipped galvanized.

Gasket:

Grade “E” EPDM (Type A) Vic-Plus™ Pre-lubricated Gasket

EPDM (Violet Color Code). Applicable for wet and dry (oil-free air) fire protection systems only. Listed/Approved for continuous use in wet and dry systems. Listed/Approved for dry systems at -40°F/-40°C and above. NOT COMPATIBLE FOR USE WITH HOT WATER SERVICES OR STEAM SERVICES.

NOTES

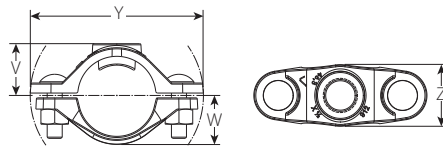
- Reference should always be made to [publication I-100](#): Victaulic Field Installation Handbook for gasket lubrication instructions.
- Services listed are General Service Guidelines only. It should be noted that there are services for which these gaskets are not compatible. Reference should always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

Bolts/Nuts:

Standard: Carbon steel oval neck track bolts meeting the mechanical property requirements of ASTM A449 (imperial) and ISO 898-1 Class 9.8 (M10-M16) Class 8.8 (M20 and greater).

4.0 DIMENSIONS

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Size		Bolt/Nut		Dimensions				Weight
Nominal Run x Branch FPT ¹ inches mm	Actual Outside Diameter inches mm	Qty.	Size inches mm	V inches mm	W inches mm	Y inches mm	Z inches mm	Approx. Each lb kg
1 x ½ DN25 x DN15	1.315 x 0.840 33.7 x 21.3	2	¾ x 1 ¾ M10 x 35	1.00 25.4	0.90 22.9	3.72 94.6	1.50 38.1	0.7 0.3
1 ¼ x ½ DN32 x DN15	1.660 x 0.840 42.4 x 21.3	2	¾ x 1 ¾ M10 x 35	1.17 29.8	1.10 27.9	4.12 104.7	1.50 38.1	0.7 0.3
1 ½ x ½ DN40 x DN15	1.900 x 0.840 48.3 x 21.3	2	¾ x 1 ¾ M10 x 35	1.29 32.8	1.22 31.0	4.32 109.8	1.50 38.1	0.8 0.3







¹ FOR SPRINKLER OR NOZZLE USE ONLY. DO NOT USE AS A BRANCH OUTLET.

5.0 PERFORMANCE

Size		Services Pressures per Regulatory Approvals and Listings		
Nominal	Actual	FM/ VdS/ LPCB/ CNBOP/ CE (EN10311)		
inches DN	inches mm	psi	kPa	bar
1 x 1/2 DN25 x DN15	1.315 x 0.840 33.7 x 21.3	232	1600	16
1 1/4 x 1/2 DN32 x DN15	1.660 x 0.840 42.4 x 21.3	232	1600	16
1 1/2 x 1/2 DN40 x DN15	1.900 x 0.840 48.3 x 21.3	232	1600	16

6.0 NOTIFICATIONS

! WARNING

- Read and understand all instructions before attempting to install, remove, adjust, or maintain any Victaulic piping products.
- Depressurize and drain the piping system before attempting to install, remove, adjust, or maintain any Victaulic piping products.
- Wear safety glasses, hardhat, and foot protection.

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

7.0 REFERENCE MATERIALS

[I-100: Installation Instructions](#)

	Dimensions	
	Minimum Hole Diameter/ Hole Saw Size	Maximum Hole Diameter/ Hole Saw Size
	inches mm	inches mm
All Outlet Sizes	15/16 24.0	1 25.4

User Responsibility for Product Selection and Suitability

Each user bears final responsibility for making a determination as to the suitability of Victaulic products for a particular end-use application, in accordance with industry standards and project specifications, and the applicable building codes and related regulations as well as Victaulic performance, maintenance, safety, and warning instructions. Nothing in this or any other document, nor any verbal recommendation, advice, or opinion from any Victaulic employee, shall be deemed to alter, vary, supersede, or waive any provision of Victaulic Company's standard conditions of sale, installation guide, or this disclaimer.

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Note

This product shall be manufactured by Victaulic or to Victaulic specifications. All products to be installed in accordance with current Victaulic installation/assembly instructions. Victaulic reserves the right to change product specifications, designs and standard equipment without notice and without incurring obligations.

Installation

Reference should always be made to I-VICFLEX-AB1-AB2-AB10, I-VICFLEX-AB4, I-VICFLEX-AB7, or I-VICFLEX-AB8 for the product you are installing. Handbooks are included with each shipment of Victaulic products for complete installation and assembly data, and are available in PDF format on our website at www.victaulic.com.

Warranty

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

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