



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use subject to the terms and conditions contained herein.

MEA 230-96-E Vol. 5

Manufacturer: Victaulic Company of America, 4901 Kesslersville Road, Easton, PA 18040

Trade Name(s): Victaulic Firelock(R) Outlet-T

Product: Outlets for directly connecting sprinklers and other outlet products

Pertinent Code Section(s): Subchapter 17 and Reference Standard RS 17

Prescribed Test(s): FM Standard Class No. 1920

Laboratory: FM Approvals

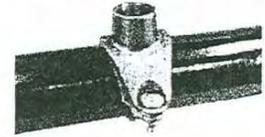
Test Report(s): Project Identifiers 3012982, re-issued September 18, 2002 and 3017420 – approved November 7, 2003

Description: The Style 922 Outlet-T provides a convenient method of incorporating ½", ¾" and 1" outlets for directly connecting sprinklers, drop nipples, sprigs, gauges, drains and other outlet products. The locating collar engages into the hole prepared in the pipe. When tightened, the assembly compresses the gasket onto the OD of the pipe. The UL-Listed/FM-Approved Style 922s are intended for use in accordance with NFPA standards for sprinkler systems and the manufacturer's installation instructions.



Installation Instructions

Style 922 FireLock® Outlet-T



IMPORTANT INFORMATION

⚠ WARNING

- Read and understand all instructions before attempting to install any Victaulic piping products.
- Wear safety glasses, hardhat, and foot protection.

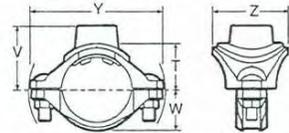
Failure to follow these instructions could result in serious personal injury and/or property damage.

⚠ WARNING

- Depressurize and drain the piping system before attempting to install, remove, or adjust any Victaulic piping products.

Failure to follow this instruction could result in serious personal injury and/or property damage.

The Style 922 FireLock Outlet-T is designed for direct connection of sprinkler heads, drop nipples, springs, drains, gauges, and other outlet products. The Style 922 FireLock Outlet-T is UL Listed and FM Approved up to 300 psi (2068 kPa) and VdS Approved up to 16 Bar (232 psi) at ambient temperatures that are typical for fire protection systems.



PRODUCT DATA

Nominal Size Run X Branch FPT†	Hole Diameter +0.06/+1,5 -0.00/-0,0	Dimensions – inches/millimeters					Approx. Weight Each lbs/kg
		T*	V	W	Y	Z	
1¼ X ½ 32 X 15	13/16 33,0	1.30 33,0	1.83 46,5	1.10 27,9	3.87 98,3	2.56 65,0	1.0 0,45
1¼ X ¾ 32 X 20	13/16 30,2	1.28 32,5	1.83 46,5	1.10 27,9	3.87 98,3	2.56 65,0	1.1 0,50
1¼ X 1 32 X 25	13/16 30,2	1.52 38,6	2.18 55,4	1.10 27,9	3.87 98,3	2.56 65,0	1.2 0,54
1½ X ½ 40 X 15	13/16 30,2	1.42 36,1	1.95 49,5	1.22 31,0	4.08 103,6	2.56 65,0	1.2 0,54
1½ X ¾ 40 X 20	13/16 30,2	1.40 35,6	1.95 49,5	1.22 31,0	4.08 103,6	2.56 65,0	1.2 0,54
1½ X 1 40 X 25	13/16 30,2	1.64 41,7	2.30 58,4	1.22 31,0	4.08 103,6	2.56 65,0	1.3 0,59
2 X ½ 50 X 15	13/16 30,2	1.66 42,2	2.19 55,6	1.46 37,1	4.60 116,8	2.56 65,0	1.3 0,59
2 X ¾ 50 X 20	13/16 30,2	1.64 41,7	2.19 55,6	1.46 37,1	4.60 116,8	2.56 65,0	1.4 0,64
2 X 1 50 X 25	13/16 30,2	1.88 47,8	2.54 64,5	1.46 37,1	4.60 116,8	2.56 65,0	1.5 0,68
2½ X ½ 65 X 15	13/16 30,2	1.91 48,5	2.44 62,0	1.71 43,4	5.40 137,2	2.56 65,0	1.6 0,73
2½ X ¾ 65 X 20	13/16 30,2	1.89 48,0	2.44 62,0	1.71 43,4	5.40 137,2	2.56 65,0	1.6 0,73
2½ X 1 65 X 25	13/16 30,2	2.13 54,1	2.79 70,9	1.71 43,4	5.40 137,2	2.56 65,0	1.6 0,73
76,1 mm X ½ 76,1 X 15	13/16 30,2	1.91 48,5	2.44 62,0	1.71 43,4	5.50 139,7	2.56 65,0	1.6 0,73
76,1 mm X ¾ 76,1 X 20	13/16 30,2	1.89 48,0	2.44 62,0	1.71 43,4	5.50 139,7	2.56 65,0	1.6 0,73
76,1 mm X 1 76,1 X 25	13/16 30,2	2.13 54,1	2.79 70,9	1.71 43,4	5.50 139,7	2.56 65,0	1.7 0,80

† Victaulic female threaded products are designed to accommodate standard NPT or BSPT (Optional) male pipe threads only. Use of male threaded products with special features, such as probes, dry pendent sprinkler heads, etc., should be verified as suitable for use with this Victaulic product. Failure to verify suitability in advance may result in assembly problems or leakage.
*Center of run to engaged pipe end for NPT threads (dimensions are approximate).

VICTAULIC® IS AN ISO 9001 CERTIFIED COMPANY

Victaulic Company of America Phone: 1-800-PICK-VIC (1-800-742-5842) Fax: 610-250-8817 e-mail: pickvic@victaulic.com	Victaulic Company of Canada Phone: 905-884-7444 Fax: 905-884-9774 e-mail: viccanada@victaulic.com	Victaulic Europe Phone: 32-9-381-1500 Fax: 32-9-380-4438 e-mail: viceuro@victaulic.be	Victaulic America Latina Phone: 610-559-3300 Fax: 610-559-3608 e-mail: vical@victaulic.com	Victaulic Asia Pacific Phone: 65-6235-3035 Fax: 65-6235-0535 e-mail: vicap@victaulic.com
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PIPE PREPARATION

NOTICE

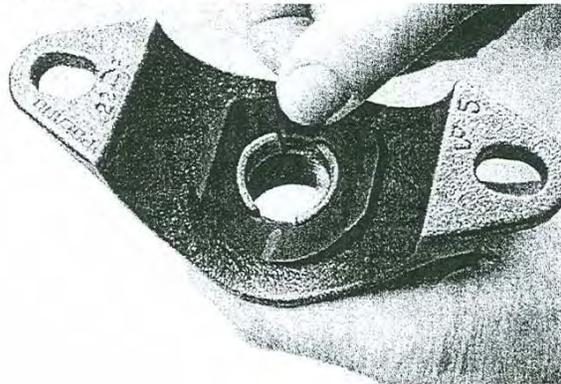
- Victaulic hole cutting tools are recommended for proper hole preparation

1. Cut a hole on the centerline of the pipe. Refer to table on page 1 for hole requirements.

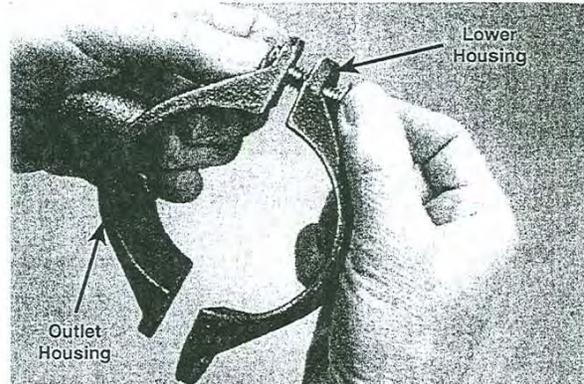
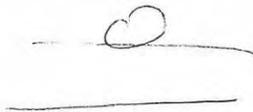


2. Ensure that a 1/2-inch (13-mm) area around the hole is clean, smooth, and free from indentations and/or projections that could affect gasket sealing (refer to the sketch above). Remove any burrs and sharp or rough edges from the hole that might affect assembly, proper seating of the locating collar, flow from the outlet, or gasket seating.

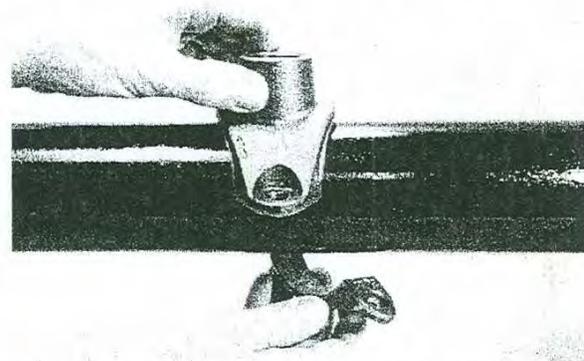
INSTALLATION



1. Install the gasket into the gasket pocket, as shown above. Press the gasket along the full circumference to ensure that it fully seats in the gasket pocket. **DO NOT LUBRICATE THE GASKET.**

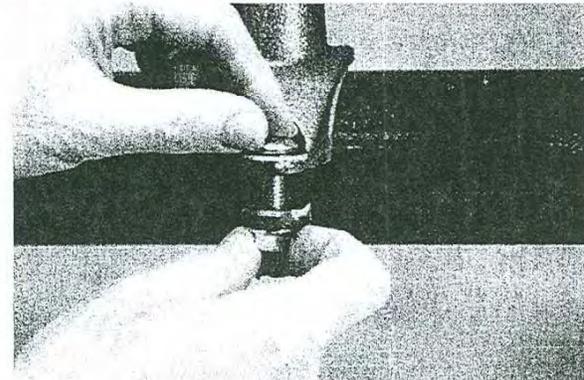


2. Insert a bolt into the outlet housing and lower housing, and thread a nut loosely onto the bolt (nut should be flush with end of bolt) to allow for the "swing-over" feature, as shown above.

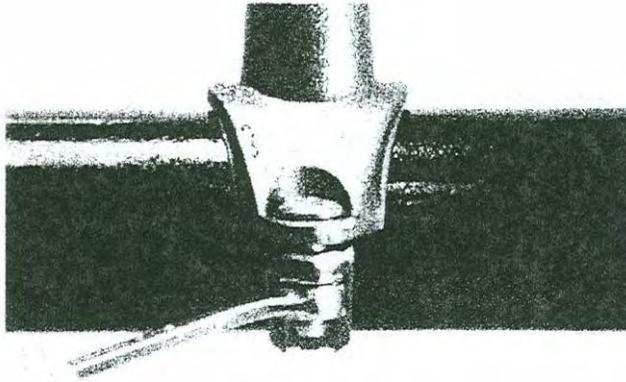


3. Install the outlet housing onto the pipe by centering the locating collar in the hole. To check for proper engagement, slide the outlet housing back and forth while pushing down. A properly positioned outlet housing can be moved only a small amount in any direction.

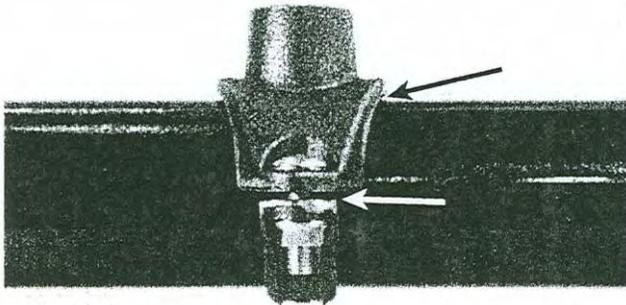
3a. Rotate the lower housing around the pipe, while holding the outlet housing in place to make sure the locating collar remains seated properly in the hole.



4. Insert the other track bolt into the outlet housing and lower housing. Install the nut finger-tight.



5. Tighten the nuts evenly to an approximate torque value of 20 ft-lbs (27.1 N•m) to ensure proper gasket compression. **NOTE:** To avoid over-tightening the nuts, use a wrench with a maximum length of 8" (200 mm). **DO NOT** over-tighten the nuts.



The outlet housing, near the gasket, should not make metal-to-metal contact with the pipe. In addition, a small gap is expected between the outlet housing and the lower housing, as shown above.

⚠ WARNING

- **DO NOT** over-tighten the nuts. Over-tightening the nuts can over-compress the gasket and distort the outlet housing and lower housing. Over-tightening does not enhance product performance.

Failure to follow this instruction could cause product failure, resulting in serious personal injury and/or property damage.

Pursuant to "Promulgation of the Rules relating to Material and Equipment Application Procedures" dated November 5, 1992, the Bureau of Fire Prevention has no objections Letter dated November 28, 2006, F.P. Index #0610031A.

Terms and Conditions: The above-described outlets are accepted on condition that:

1. All uses, applications and installations comply with all applicable New York City rules, regulations and codes, specifically New York City Building Code, Subchapter 17, and with Reference Standards RS 17-2, 17-2A and 17-2B.
2. FM approval & listing requirements and limitations shall be complied with.
3. Manufacturer's installation procedures and limitations shall be complied with.
4. The products shall be shipped with the manufacturer's installation manual that is attached with this letter.
5. All shipments and deliveries of such equipment shall be provided with a metal tag, suitably placed, certifying that the equipment shipped or delivered is equivalent to that tested and acceptable for use, as provided in Section 27-131 of the Building Code.

Final Acceptance December 28, 2006
Examined By Donald [Signature]