

PRODUCT:

FireLock EZ[®] Style 009H Rigid Coupling for Fire Protection Systems – available in U.S. and Mexico

marketing

NUMBER: PR-126

DATE: 9/30/09



New! FireLock EZ Style 009H Rigid Coupling

Application

For fire protection services up to 365 psi/2517 kpa. The Style 009H can be installed with either a hand tool or an impact wrench and is easier to install than the Victaulic FireLock Style 005 Rigid Coupling. Reduced installation effort improves wrench battery efficiency.

Installation-ready, no loose parts design provides time and cost savings – specify, quote and install with confidence.

Sizes and Availability

1 ¼ - 4”/32 – 100mm

The Style 009H rigid coupling will become the standard Victaulic fire protection solution in pipe sizes 1 ¼ - 4”/32 – 100mm. Availability will start on the west coast on October 15th, 2009 and move eastward through the end of November 2009.

Also, beginning October 15th, 2009 through the end of November 2009, Victaulic branches will convert the Style 005 Rigid Coupling pipe sizes 1 ¼” – 4”/32 – 100mm to a non-stock item as the Style 009H becomes available. The Style 005 will continue to be a stocked item in sizes 5 - 8”/125 – 200mm.



The style 009H rigid coupling can be installed with hand tools or an impact wrench – more options, more productivity

Pricing

In the U.S. and Mexico, the Style 009H will be offered at the same USD List Price as the Style 009 Rigid Coupling (see PL2008-C FP-ADD5).

Note – Housings and gaskets for the Style 009H are unique – there is no interchanging of any parts with any other Victaulic coupling, including the Style 009.



Order
Product Brochure
PB-287 Rev D
from
www.victaulic.com

For more information on this product, contact your local customer care team or consult submittal publication 10.61 or visit www.victaulic.com.



Maximize your productivity

- Available in 1¼ - 4" / 32 - 100mm sizes
- Lightweight, installation-ready design
- No loose parts, no impact wrench required
- Not necessary to disassemble coupling for installation
- Reduce installation time per joint
- Utilizes same groove as other Victaulic couplings
- Increased impact wrench battery efficiency due to reduced installation effort
- 365 psi/25 bar performance on Schedule 10 and 40 pipe

Optimized housing design to reduce installation effort

Nylon-patched fastener design – no need to disassemble housings for installation

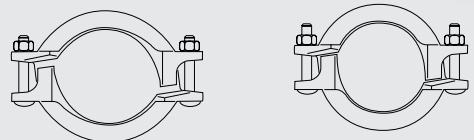


Full vacuum service and both wet and dry services

Metal-to-metal bolt pad connection provides visual confirmation of proper installation

Center lip gasket assures proper pipe positioning at center of joint

Installation-ready design for fast and easy connections*



As the bolts are tightened, the gasket seals tightly around the pipe ends.

Introducing the FireLock EZ® Style 009H **Installation-Ready** Rigid Coupling for Fire Protection Piping Systems

Introducing the FireLockEZ® Style 009H

Installation-Ready Rigid Coupling for Fire Protection Piping Systems



NEW DESIGN

Fast, consistent installation with or without power tools - easy to estimate, avoid rework

STRONGER PERFORMANCE • FASTER THAN EVER

As Easy As It Gets

Victaulic has redesigned the FireLock EZ Rigid Coupling:

- easier to install than the Style 005 Rigid Coupling
- use standard hand tools or powered impact wrench if desired
- stronger performance, for services up to 365psi/25 bar

Still the Fastest – Right Out of the Box

Victaulic listened to contractors looking for a fast, simple coupling solution that was safe to install and delivered solid performance.

The FireLock EZ rigid coupling:

- has no loose parts to drop or cause injury
- ships to the jobsite ready to install
- offers the fastest installation – period

Be more productive, more efficient and more profitable.



* This description and accompanying illustrations do not represent the complete installation instructions. Refer to the Victaulic installation guide for complete details.



Push the FireLock EZ® onto a grooved pipe end or component. The center lip of the gasket assures proper placement.*

Join the second pipe end or component up to the center lip of the gasket.*

Use a hand tool or powered impact wrench to tighten the two bolts for proper installation.*

FireLock EZ™ Rigid Coupling



SEE VICTAULIC PUBLICATION 10.01 FOR DETAILS

STYLE 009H

The FireLock EZ Style 009H coupling is a rigid, installation-ready coupling for fire protection pipe joining. The coupling's unique design eliminates loose parts, insures consistent installation and provides substantial gains in productivity.

IMPORTANT

FireLock EZ Style 009H couplings are recommended for use ONLY on fire protection systems.



PATENTED

LISTINGS/APPROVALS *

The information provided below is based on the latest listing and approval data at the time of publication. Listings/Approvals are subject to change and/or additions by the approvals agencies. Contact Victaulic for performance on other pipe and the latest listings and approvals.

Standard Pipe

| Size | cULus/FM | | | VdS |
|--------|------------------------|----------------|-----------------|------|
| | Nominal Size Inches/mm | Sch. 5 psi/KPa | Sch. 10 psi/KPa | |
| 1¼ | 175 | 365 | 365 | 365 |
| 32 | 1206 | 2517 | 2517 | 2517 |
| 1½ | 175 | 365 | 365 | 365 |
| 40 | 1206 | 2517 | 2517 | 2517 |
| 2 | 175 | 365 | 365 | 365 |
| 50 | 1206 | 2517 | 2517 | 2517 |
| 2½ | N/A | 365 | 365 | 365 |
| 65 | | 2517 | 2517 | 2517 |
| 76.1mm | N/A | 365 | 365 | 365 |
| | | 2517 | 2517 | 2517 |
| 3 | N/A | 365 | 365 | 365 |
| 80 | | 2517 | 2517 | 2517 |
| 4 | N/A | 365 | 365 | 365 |
| 100 | | 2517 | 2517 | 2517 |

* Listed/Approved for wet and dry pipe systems (> -40°F/-40°C).
 For rigid pipe connections in systems operating below 0°F/-18°C Victaulic recommends Style 005 FireLock rigid couplings with Grade "L" silicone gaskets.
 Please refer to the Victaulic Installation Manual (I-009H_009_009V.pdf) for details concerning when supplemental lubrication is required.

Specialty Pipe

| Pipe | Size | Pressure Rating – psi/ | | Pipe | Size | Pressure Rating – psi | | Pipe | Size | Pressure Rating – psi | |
|------|--------|------------------------|-------------|------|--------|-----------------------|-------------|------|--------|-----------------------|-------------|
| | | cULus | FM | | | cULus | FM | | | cULus | FM |
| BLT | 1¼ – 2 | 300 2068 | 300 2068 | EZT | 1¼ – 2 | 300 2068 | 300 2068 | MT | 1¼ – 2 | 300 2068 | 300 2068 |
| DF | 1¼ – 4 | 300 2068 | 300 2068 | FF | 1¼ – 4 | 300 2068 | 300 2068 | MLT | 1¼ – 2 | N/A | 300 2068 |
| DT | 1¼ – 2 | 300 2068 | 300 2068 | FLF | 1¼ – 4 | N/A | 300 2068 | ST | 1¼ – 2 | N/A | 300 2068 |
| EF | 1¼ – 4 | 175 1206 | 175 1206 | FLT | 1¼ – 2 | N/A | 300 2068 | STF | 1¼ – 4 | N/A | 300 2068 |
| EL | 1¼ – 2 | 300 2068 | 300 2068 | FLTL | 1¼ – 2 | N/A | 300 2068 | TF | 2¼ – 4 | N/A | 300 2068 |
| ET40 | 1¼ – 2 | 300 2068 | 300 2068 | GL | 1¼ – 2 | 300 2068 | 300 2068 | WLS | 1¼ – 2 | 300 2068 | 300 2068 |
| EZF | 3 – 4 | 300 2068 | 300 2068 | MF | 1¼ – 4 | 300 2068 | 300 2068 | WST | 1¼ – 2 | N/A | 175 1206 |
| | | | | | | | | XL | 1¼ – 2 | 300 2068 | 300 2068 |

JOB/OWNER

System No. _____
 Location _____

CONTRACTOR

Submitted By _____
 Date _____

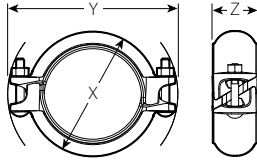
ENGINEER

Spec Sect _____ Para _____
 Approved _____
 Date _____

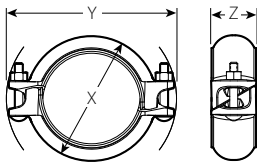
FireLock EZ™ Rigid Coupling

STYLE 009H

STYLE 009H DIMENSIONS



STYLE 009H PRE-ASSEMBLED (PUSH ON CONDITION)



STYLE 009H JOINT ASSEMBLED

| Size | | Max. Work. Press. * psi kPa | Max. End Load * Lbs. N | Allow. Pipe End Sep. † Inches mm | @ Bolt/Nut No. – Size | Dimensions – Inches/mm | | | | | Aprx. Wgt. Ea. Lbs. kg |
|------------------------------|-------------------------------------|-----------------------------------|------------------------------|--|----------------------------|-----------------------------------|-------------|-----------------|-------------|------------|------------------------------|
| Nominal Size Inches mm | Actual Outside Dia. Inches mm | | | | | Pre-assembled (Stab in condition) | | Joint Assembled | | | |
| | | | | | | X | Y | X | Y | Z | |
| 1 ¼ 32 | 1.660 42.4 | 365 2517 | 790 3514 | 0.10 2.54 | 2 - ¾ x 2 - M10 x 2 | 2.95 75 | 4.77 121 | 2.70 69 | 4.63 118 | 1.93 49 | 1.4 0.7 |
| 1 ½ 40 | 1.900 48.3 | 365 2517 | 1035 4604 | 0.10 2.54 | 2 - ¾ x 2 - M10 x 2 | 3.19 81 | 4.97 126 | 2.94 75 | 4.79 122 | 1.93 49 | 1.5 0.7 |
| 2 50 | 2.375 60.3 | 365 2517 | 1616 7193 | 0.12 3.05 | 2 - ¾ x 2 - M10 x 2 | 3.79 96 | 5.53 140 | 3.45 88 | 5.42 138 | 1.93 49 | 1.9 0.9 |
| 2 ½ 65 | 2.875 73.0 | 365 2517 | 2370 10542 | 0.12 3.05 | 2 - ¾ x 2 ½ - M10 x 2 ½ | 4.29 109 | 6.09 155 | 3.92 100 | 5.85 149 | 1.93 49 | 2.1 1.0 |
| 76.1 mm | 3.000 76.1 | 365 2517 | 2580 11476 | 0.12 3.05 | 2 - ¾ x 2 ½ - M10 x 2 ½ | 4.40 112 | 6.31 160 | 4.05 103 | 5.90 150 | 1.93 49 | 2.1 1.0 |
| 3 80 | 3.500 88.9 | 365 2517 | 3512 15622 | 0.12 3.05 | 2 - ¾ x 2 ½ - M10 x 2 ½ | 4.91 125 | 6.70 170 | 4.55 116 | 6.46 164 | 1.93 49 | 2.3 1.0 |
| 4 100 | 4.500 114.3 | 365 2517 | 5805 25822 | 0.17 4.32 | 2 - ¾ x 2 ½ - M10 x 2 ½ | 5.95 151 | 7.82 199 | 5.54 141 | 7.47 190 | 2.14 55 | 2.9 1.3 |

* Working Pressure and End Load are total, from all internal and external loads, based on standard weight (ANSI) steel pipe, standard roll or cut grooved in accordance with Victaulic specifications. See page 1 of this document for Listed/Approved ratings on other pipe.

WARNING: FOR ONE TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1 ½ times the figures shown in the chart on page 1, specific to pipe schedule and size.

† The allowable pipe separation dimension shown is for system layout purposes only. FireLock EZ couplings are considered rigid connections and will not accommodate expansion or contraction of the piping system.

@ Number of bolts required equals number of housing segments.

FireLock EZ™ Rigid Coupling

STYLE 009H

MATERIAL SPECIFICATIONS

Housing: Ductile iron conforming to ASTM A-536, grade 65-45-12. Ductile iron conforming to ASTM A-395, grade 65-45-15, is available upon special request.

Housing Coating:

- Orange enamel (North America)
- Red enamel (Europe)

Optional Coatings:

- Hot dipped galvanized

Gasket:

- **Grade “E” EPDM (Type A)**

FireLock EZ products have been Listed by Underwriters Laboratories Inc., Underwriters Laboratories of Canada Limited, and Approved by Factory Mutual Research for wet and dry (oil free air) sprinkler services within the rated working pressure.

Bolts/Nuts: Heat-treated plated carbon steel, trackhead meeting the physical and chemical requirements of ASTM A-449 and physical requirements of ASTM A-183.

GENERAL NOTES

NOTE: When assembling FireLock EZ couplings onto end caps, take additional care to make certain the end cap is fully seated against the gasket end stop. For FireLock EZ Style 009H couplings, use FireLock No. 006 end caps containing the “EZ” marking on the inside face or No. 60 end caps containing the “QV EZ” marking on the inside face. Non-Victaulic end cap products shall not be used with Style 009H couplings.

IMPORTANT: Gaskets intended for the Style 009 or Style 009V couplings cannot be used with the Style 009H coupling. There is no interchanging of gaskets or housings between coupling styles.

INSTALLATION

Reference should always be made to the I-100 Victaulic Field Installation Handbook 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.

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.

For complete contact information, visit www.victaulic.com

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