

# Victaulic® AGS Rigid Coupling

## Style W07



14 – 24"/DN350 – DN600 sizes    26 – 50"/DN650 – DN1250 sizes

### 1.0 PRODUCT DESCRIPTION

#### Available Sizes

- 14 – 50"/DN350 – DN1250

#### Pipe Requirements

- Carbon Steel: API 5L, ASTM A53, AWWA C200
- Stainless Steel: see [publication 17.01](#)
- For additional pipe requirements see [publication 25.09](#)

#### Maximum Allowable Working Pressure

- 14 – 24"/DN350 – DN600: 350 psi/2400 kPa
- 26 – 42"/DN650 – DN1050: 300 psi/2065 kPa
- 44 – 50"/DN1100 – DN1250: 232 psi/1600 kPa

#### NOTE

- For Stainless Steel Maximum Allowable Working Pressures see [publication 17.09](#)
- For Maximum Allowable Working pressures on Victaulic Vic-Rings see [publication 16.11](#)

#### Application

- Provide rigidity for valve connections, machinery rooms, and long straight runs

#### Function

- Unique wedge-shaped key profile increases allowable pipe end separation, resulting in easier assembly.
- Sizes 26" and above feature lifting lugs integrated onto the housings to promote ease of handling during installation of the coupling housing.

#### NOTES

- Style W07 AGS couplings are provided with FlushSeal™ gaskets for a variety of services. Please specify gasket grade when ordering. Please refer to [publication 05.01](#) for gasket service ratings.
- Style W07 AGS rigid couplings can also be used on abrasive/slurry services in combination with an AGS Vic-Ring. See [publication 16.11](#).

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

## 2.0 CERTIFICATION/LISTINGS



EN 10311  
CPR (EU)  
No. 305/2011

BS EN 10311  
CPR (UK)  
2019 No. 465

### NOTES

- See [publication 02.06](#) Victaulic Potable Water Approvals ANSI/NSF for potable water approvals if applicable.
- Refer to [publication 10.01](#) for Fire Protection Certifications/Listings Reference Guide.
- WRAS Material Approval is applicable only when supplied with Grade EW EPDM Gaskets.
- WRAS product approval valid for sizes DN350 – DN600 when used with Schedule 10 carbon steel pipe (or thicker) and Grade EW EPDM gasket.
- WRAS product approval valid for above and below-ground use.
- The Victaulic Grade E gasket supplied with the Style W07 AGS™ Rigid Coupling is UL Classified in accordance with NSF/ANSI/CAN 61 and NSF/ANSI/CAN 372 as noted in section 3.0 Specifications – Material.

### 3.0 SPECIFICATIONS – MATERIAL

#### Housing: (specify choice)

- ☐ Standard: Ductile iron conforming to ASTM A536, Grade 65-45-12.
- ☐ Optional: Ductile iron conforming to ASTM A395, Grade 65-45-15.

#### Housing Coating: (specify choice)

- ☐ Standard: Orange enamel.
- ☐ Optional: Hot dipped galvanized.
- ☐ Optional: Liquid Epoxy conforming with AWWA C210.

#### NOTE

- For additional coating options contact Victaulic.

#### Coupling Gasket: (specify choice<sup>1</sup>)

##### ☐ Grade “E” FlushSeal™ EPDM

EPDM (Green stripe color code). Temperature range –30°F to +230°F/–34°C to +110°C. May be specified for hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. UL Classified in accordance with ANSI/NSF 61 for cold +73°F/+23°C and hot +180°F/+82°C potable water service and ANSI/NSF 372. **NOT COMPATIBLE FOR USE WITH PETROLEUM SERVICES OR STEAM SERVICES.**

##### ☐ Grade “T” FlushSeal™ Nitrile

Nitrile (Orange color code). Temperature range –20°F to +180°F/–29°C to +82°C. May be specified for oil related services, including air with oil vapor, this gasket may be specified for temperatures rated up to +180°F/+82°C. For water related services, this gasket may be specified for temperatures rated up to +150°F/+66°C. For oil free, dry air services, this gasket may be specified for temperatures rated up to +140°F/+60°C. **NOT COMPATIBLE FOR USE WITH HOT WATER SERVICES OR STEAM SERVICES.**

##### ☐ Grade “L” FlushSeal™ Silicone

Silicone (Red color code). Temperature range –30°F to +350°F/–34° C to +177° C. May be specified for dry heat, air without hydrocarbons to +350°F/+177°C and certain chemical services.

##### ☐ Grade “EW” FlushSeal™ EPDM

EPDM (Green W color code). Temperature range -30°F to +230°F/-34°C to +110°C. May be specified for hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. WRAS-certified material to BS 6920 for cold potable water service (+149°F/+23°C). UL Classified in accordance with ANSI/NSF 61 for cold +73°F/+23°C and hot +180°F/+82°C potable water service and ANSI/NSF 372. NOT COMPATIBLE FOR PETROLEUM SERVICES.

##### ☐ Others

For alternate gasket selection, reference [publication 05.01](#): Victaulic Seal Selection Guide – Elastomeric Seal Construction.

<sup>1</sup> 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 the latest [Victaulic Seal Selection Guide](#) for specific gasket service guidelines and for a listing of services which are not compatible.

#### Bolts/Nuts: (specify choice<sup>2</sup>)

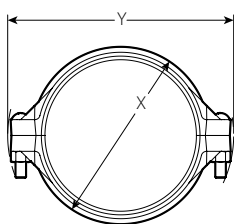
- ☐ Standard: Carbon steel oval neck track bolts meeting the mechanical property requirements of ASTM A449 (imperial) and ISO 898-1 Class 9.8 (M10-M16) Class 8.8 (M20 and greater). Carbon steel hex nuts meeting the mechanical property requirements of ASTM A563 Grade B (imperial - heavy hex nuts) and ASTM A563M Class 9 (metric - hex nuts). Track bolts and hex nuts are zinc electroplated per ASTM B633 FE/ZN5, finish Type III (imperial) or Type II (metric).
- ☐ Optional: Stainless steel oval neck track bolts or studs meeting the mechanical property requirements of ASTM A193 Grade B8M, Class 2 (316 stainless steel). Stainless steel heavy hex nuts meeting the mechanical property requirements of ASTM A194 Grade 8M (316 stainless steel) with galling reducing coating.
- ☐ Optional: Hot-dipped galvanized meeting the mechanical property requirement of ASTM A449 for bolts and ASTM A563 for heavy hex nuts.

<sup>2</sup> For alternate hardware specifications not listed contact Victaulic.

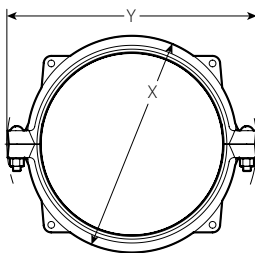
#### For 26 – 50"/DN650 – DN1250 sizes:

- ☐ Washers: Plated carbon steel, flat. SAE high strength conforming to ASTM F436 or high strength stainless steel.

## 4.0 DIMENSIONS



Typical 14 – 24"/DN350 – DN600



Typical 26 – 50"/DN650 – DN1250



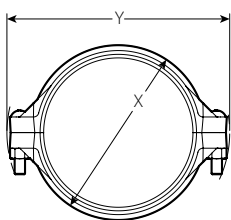
Exaggerated for clarity

| Size                    |                                               | Pipe End Separation     | Bolt/Nut |                      | Dimensions        |                   |                   | Weight                            |
|-------------------------|-----------------------------------------------|-------------------------|----------|----------------------|-------------------|-------------------|-------------------|-----------------------------------|
| Nominal<br>inches<br>DN | Actual<br>Outside<br>Diameter<br>inches<br>mm | Nominal<br>inches<br>mm | Qty.     | Size<br>inches<br>mm | X<br>inches<br>mm | Y<br>inches<br>mm | Z<br>inches<br>mm | Approximate<br>(Each)<br>lb<br>kg |
| 14<br>DN350             | 14.000<br>355.6                               | 0.25<br>6.4             | 2        | 1 x 5 1/2            | 16.13<br>410      | 20.88<br>530      | 5.00<br>128       | 51.0<br>23.0                      |
|                         | 14.843<br>377.0                               | 0.25<br>6.4             | 2        | M24 x 139.7          | 17.13<br>434      | 21.75<br>552      | 5.00<br>128       | 53.0<br>24.0                      |
| 16<br>DN400             | 16.000<br>406.4                               | 0.25<br>6.4             | 2        | 1 x 5 1/2            | 18.50<br>470      | 22.88<br>582      | 5.00<br>128       | 63.0<br>28.5                      |
|                         | 16.772<br>426.0                               | 0.25<br>6.4             | 2        | M24 x 139.7          | 19.25<br>488      | 23.75<br>604      | 5.00<br>128       | 66.0<br>30.0                      |
| 18<br>DN450             | 18.000<br>457.2                               | 0.25<br>6.4             | 2        | 1 x 5 1/2            | 20.50<br>520      | 25.00<br>636      | 5.00<br>128       | 74.0<br>33.5                      |
|                         | 18.898<br>480.0                               | 0.25<br>6.4             | 2        | M24 x 139.7          | 21.50<br>546      | 26.25<br>666      | 5.00<br>128       | 77.0<br>35.0                      |
| 20<br>DN500             | 20.000<br>508.0                               | 0.25<br>6.4             | 2        | 1 1/8 x 5 1/2        | 22.75<br>578      | 28.00<br>712      | 5.00<br>128       | 85.0<br>38.5                      |
|                         | 20.866<br>530.0                               | 0.25<br>6.4             | 2        | M27 x 139.7          | 23.63<br>600      | 29.00<br>736      | 5.00<br>128       | 89.0<br>40.5                      |
| 22<br>DN550             | 22.000<br>558.8                               | 0.25<br>6.4             | 2        | 1 1/8 x 6            | 25.00<br>636      | 30.25<br>768      | 5.00<br>128       | 115.0<br>52.0                     |
| 24<br>DN600             | 24.000<br>609.6                               | 0.25<br>6.4             | 2        | 1 1/8 x 5 1/2        | 27.25<br>692      | 32.25<br>820      | 5.00<br>128       | 120.0<br>54.5                     |
|                         | 24.803<br>630.0                               | 0.25<br>6.4             | 2        | M27 x 139.7          | 28.00<br>712      | 33.25<br>844      | 5.00<br>128       | 125.0<br>56.5                     |
| 26<br>DN650             | 26.000<br>660.4                               | 0.38<br>9.7             | 4        | 1 1/8 x 6            | 30.75<br>782      | 35.75<br>908      | 6.00<br>152       | 215.0<br>97.5                     |
| 28<br>DN700             | 28.000<br>711.2                               | 0.38<br>9.7             | 4        | 1 1/8 x 6            | 32.75<br>832      | 37.75<br>958      | 6.00<br>152       | 230.0<br>104.5                    |
| 30<br>DN750             | 30.000<br>762.0                               | 0.38<br>9.7             | 4        | 1 1/4 x 7            | 34.50<br>876      | 40.25<br>1022     | 6.00<br>152       | 235.0<br>106.5                    |
| 32<br>DN800             | 32.000<br>812.8                               | 0.38<br>9.7             | 4        | 1 1/4 x 7            | 36.75<br>934      | 42.25<br>1074     | 6.00<br>152       | 250.0<br>113.5                    |
| 34<br>DN850             | 34.000<br>863.6                               | 0.38<br>9.7             | 4        | 1 1/4 x 7            | 38.75<br>984      | 44.25<br>1124     | 6.00<br>152       | 275.0<br>124.5                    |
| 36<br>DN900             | 36.000<br>914.4                               | 0.38<br>9.7             | 4        | 1 1/4 x 7            | 40.75<br>1036     | 46.25<br>1174     | 6.00<br>152       | 300.0<br>136.0                    |

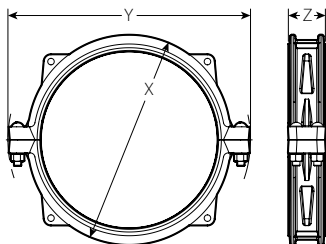
### NOTES

- The nominal pipe end separation dimension shown is for system layout purposes only. Style W07 AGS rigid couplings are considered rigid connections and will not accommodate expansion/contraction or angular movement of the piping system. Contact Victaulic for torsional resistance information.
- The outside diameter, ovality, and surface finish including flat spots and imperfections shall not vary more than the limits of API 5L end tolerance. (See [publication 25.09](#) for more details).
- Style W07 AGS couplings are essentially rigid and do not permit expansion/contraction.
- Additional wall thicknesses available. For performance on additional pipe wall thicknesses contact Victaulic.
- For additional pipe sizes, please contact Victaulic.

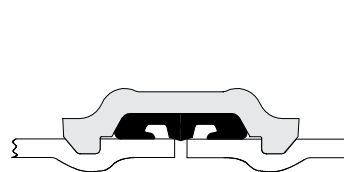
## 4.0 DIMENSIONS (CONTINUED)



Typical 14 – 24"/DN350 – DN600



Typical 26 – 50"/DN650 – DN1250

*Exaggerated for clarity*

| Size                    |                                         | Pipe End Separation     | Bolt/Nut |                      | Dimensions        |                   |                   | Weight                         |
|-------------------------|-----------------------------------------|-------------------------|----------|----------------------|-------------------|-------------------|-------------------|--------------------------------|
| Nominal<br>inches<br>DN | Actual Outside Diameter<br>inches<br>mm | Nominal<br>inches<br>mm | Qty.     | Size<br>inches<br>mm | X<br>inches<br>mm | Y<br>inches<br>mm | Z<br>inches<br>mm | Approximate (Each)<br>lb<br>kg |
| 38<br>DN950             | 38.000<br>965.0                         | 0.38<br>9.7             | 4        | 1 ¼ x 7              | 42.75<br>1086     | 48.25<br>1226     | 6.00<br>152       | 325.0<br>147.5                 |
| 40<br>DN1000            | 40.000<br>1016.0                        | 0.44<br>11.2            | 4        | 1 ½ x 8              | 44.50<br>1130     | 51.00<br>1296     | 6.75<br>172       | 375.0<br>170.0                 |
| 42<br>DN1050            | 42.000<br>1066.8                        | 0.44<br>11.2            | 4        | 1 ½ x 8              | 46.50<br>1182     | 53.00<br>1346     | 6.75<br>172       | 375.0<br>170.0                 |
| 44<br>DN1100            | 44.000<br>1117.6                        | 0.44<br>11.2            | 4        | 1 ½ x 8              | 49.00<br>1244     | 55.00<br>1398     | 6.75<br>172       | 425.0<br>193.0                 |
| 46<br>DN1150            | 46.000<br>1168.4                        | 0.44<br>11.2            | 4        | 1 ½ x 8              | 51.00<br>1296     | 57.00<br>1448     | 6.75<br>172       | 450.0<br>204.0                 |
| 48<br>DN1200            | 48.000<br>1219.2                        | 0.44<br>11.2            | 4        | 1 ½ x 8              | 53.00<br>1346     | 59.00<br>1498     | 6.75<br>172       | 450.0<br>204.0                 |
| 50<br>DN1250            | 50.000<br>1270.0                        | 0.44<br>11.2            | 4        | 1 ½ x 8              | 55.50<br>1410     | 61.50<br>1562     | 10.25<br>260      | 525.0<br>238.0                 |

### NOTES

- The nominal pipe end separation dimension shown is for system layout purposes only. Style W07 AGS rigid couplings are considered rigid connections and will not accommodate expansion/contraction or angular movement of the piping system. Contact Victaulic for torsional resistance information.
- The outside diameter, ovality, and surface finish including flat spots and imperfections shall not vary more than the limits of API 5L end tolerance. (See [publication 25.09](#) for more details).
- Style W07 AGS couplings are essentially rigid and do not permit expansion/contraction.
- Additional wall thicknesses available. For performance on additional pipe wall thicknesses contact Victaulic.
- For additional pipe sizes, please contact Victaulic.

## 5.0 PERFORMANCE

| Size                    |                                               | Maximum Allowable Working Pressure    |                                          |                                     | Performance                  |
|-------------------------|-----------------------------------------------|---------------------------------------|------------------------------------------|-------------------------------------|------------------------------|
| Nominal<br>inches<br>DN | Actual<br>Outside<br>Diameter<br>inches<br>mm | Light Wall <sup>4</sup><br>psi<br>kPa | Std. Wt<br>$\frac{3}{8}$ "<br>psi<br>kPa | XS<br>$\frac{1}{2}$ "<br>psi<br>kPa | Maximum End Load<br>lbs<br>N |
| 14<br>DN350             | 14.000<br>355.6                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 53,000<br>235,756            |
|                         | 14.843<br>377.0                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 60,000<br>266,894            |
| 16<br>DN400             | 16.000<br>406.4                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 70,000<br>311,376            |
|                         | 16.772<br>426.0                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 77,000<br>342,514            |
| 18<br>DN450             | 18.000<br>457.2                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 89,000<br>395,892            |
|                         | 18.898<br>480.0                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 98,000<br>435,926            |
| 20<br>DN500             | 20.000<br>508.0                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 110,000<br>489,304           |
|                         | 20.866<br>530.0                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 115,000<br>511,546           |
| 22<br>DN550             | 22.000<br>558.8                               | 350<br>2413                           | 350<br>2413                              | 350<br>2413                         | 130,000<br>578,268           |
| 24<br>DN600             | 24.000<br>609.6                               | 225<br>1551                           | –                                        | –                                   | 100,000<br>444,822           |
| 24<br>DN600             | 24.000<br>609.6                               | –                                     | 350<br>2413                              | 350<br>2413                         | 155,000<br>689,474           |
|                         | 24.803<br>630.0                               | 225<br>1551                           | –                                        | –                                   | 105,000<br>467,064           |
|                         | 24.803<br>630.0                               | –                                     | 350<br>2413                              | 350<br>2413                         | 165,000<br>733,956           |
| 26<br>DN650             | 26.000<br>660.4                               | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 155,000<br>689,474           |
| 28<br>DN700             | 28.000<br>711.2                               | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 180,000<br>800,680           |
| 30<br>DN750             | 30.000<br>762.0                               | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 210,000<br>934,126           |
| 32<br>DN800             | 32.000<br>812.8                               | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 240,000<br>1,067,574         |
| 34<br>DN850             | 34.000<br>863.6                               | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 270,000<br>1,201,020         |
| 36<br>DN900             | 36.000<br>914.4                               | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 305,000<br>1,356,708         |
| 38<br>DN950             | 38.000<br>965.0                               | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 340,000<br>1,512,396         |
| 40<br>DN1000            | 40.000<br>1016.0                              | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 375,000<br>1,668,084         |
| 42<br>DN1050            | 42.000<br>1066.8                              | 300<br>2068                           | 300<br>2068                              | 300<br>2068                         | 415,000<br>1,846,012         |
| 44<br>DN1100            | 44.000<br>1117.6                              | 232<br>1600                           | 232<br>1600                              | 232<br>1600                         | 350,000<br>1,556,878         |
| 46<br>DN1150            | 46.000<br>1168.4                              | 232<br>1600                           | 232<br>1600                              | 232<br>1600                         | 385,000<br>1,712,566         |
| 48<br>DN 1200           | 48.000<br>1219.2                              | 232<br>1600                           | 232<br>1600                              | 232<br>1600                         | 415,000<br>1,846,012         |
| 50<br>DN1250            | 50.000<br>1270.0                              | 232<br>1600                           | 232<br>1600                              | 232<br>1600                         | 455,000<br>2,023,942         |

<sup>3</sup> End loads are total from all internal and external loads, based on carbon steel pipe, rolled with Victaulic AGS rolls in accordance with [publication 25.09](#): Victaulic AGS Roll Groove Specifications. Contact Victaulic for performance on other pipe.

<sup>4</sup> Light Wall for 14"/DN350 = 0.22"/5.6mm; 16 – 24"/DN400 – DN600 = 0.25"/6.35mm; 26 – 50"/DN650 – DN1250 = 0.312"/7.9mm  
Light Wall for 377mm = 0.217"/5.5mm; 426mm, 480mm, 530mm, 630mm = 0.256"/6.5mm

### NOTES

- WARNING: FOR ONE TIME FIELD TEST ONLY, the Maximum Joint Working Pressure may be increased to 1 ½ times the figures shown.
- Additional wall thicknesses available. For performance on additional pipe wall thicknesses contact Victaulic.
- For additional pipe sizes, please contact Victaulic.
- AGS is a fully self-restrained joint.

## 5.1 PERFORMANCE

### Torque Requirements

| Nominal Pipe Size<br>inches<br>DN                                        | Required Torque<br>ft. lbs.<br>N·m |
|--------------------------------------------------------------------------|------------------------------------|
| 14, 16, 18<br>DN350, DN400, DN450                                        | 250<br>340                         |
| 377, 426, 480 mm                                                         | 250<br>340                         |
| 20, 22, 24, 26, 28<br>DN500, DN550, DN600, DN650, DN700                  | 375<br>500                         |
| 530, 630 mm                                                              | 375<br>500                         |
| 30, 32, 34, 36, 38<br>DN750, DN800, DN850, DN900, DN950                  | 500<br>680                         |
| 40, 42, 44, 46, 48, 50<br>DN1000, DN1050, DN1100, DN1150, DN1200, DN1250 | 600<br>815                         |

## 6.0 NOTIFICATIONS

### ⚠ WARNING



- Read and understand all instructions before attempting to install any Victaulic products.
- Always verify that the piping system has been completely depressurized and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Confirm that any equipment, branch lines, or sections of piping that may have been isolated for/during testing or due to valve closures/positioning are identified, depressurized, and drained immediately prior to installation, removal, adjustment, or maintenance of any Victaulic products.
- Always reference Victaulic [publication I-ENDCAP](#) for important end cap installation safety instructions.
- Wear safety glasses, hardhat, foot protection, and hearing protection.

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

### ⚠ WARNING

- When grooving pipe for use with AGS products, Victaulic roll grooving tools shall be equipped with AGS roll sets (RW for steel or RWX for stainless steel).
- RWX grooving rolls are identified by a silver color and the designation "RWX" on the front of the roll sets.
- Victaulic AGS products SHALL NOT be installed on pipe that is prepared with original-type grooving roll sets.
- To ensure proper pipe end preparation, refer to [publication 25.09](#) for AGS groove specifications.

Failure to follow these instructions will cause grooves that are not within Victaulic AGS specifications, resulting in joint failure, serious personal injury, and property damage.

## 7.0 REFERENCE MATERIALS

[02.06: NSF/ANSI/CAN Potable Water Approvals](#)

[05.01: Victaulic® Seal Selection Guide](#)

[16.11: Style W07-Rigid Coupling AGS Vic-Ring Systems](#)

[17.01: Stainless Steel Pipe End Preparation](#)

[17.09: Victaulic® Grooved Couplings Performance Data for Stainless Steel Pipe](#)

[20.05: Victaulic® AGS Grooved End Fittings](#)

[23.19: Series W719 AGS Butterfly Valve](#)

[24.01: Victaulic® Pipe Preparation Tools](#)

[25.09: Victaulic® AGS Roll Groove Specifications](#)

[26.01: Victaulic® Design Data](#)

[29.01: Victaulic® Terms and Conditions/Warranty](#)

[I-ENDCAP: Victaulic® End Caps Installation Instructions](#)

[I-W100: Field Installation Handbook - Advanced Grooved System Products](#)

### User Responsibility for Product Selection and Suitability

Each user bears final responsibility for determining the suitability of Victaulic products for their end-use application, in accordance with industry standards, project specifications, and Victaulic's published performance, maintenance, and safety data, as well as all warnings and installation 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, warranty, installation instructions, or this disclaimer.

### Installation

Always refer to and follow the [Victaulic Installation Handbook](#) or installation instructions for the product you are installing. Handbooks are included with each shipment of Victaulic products, providing complete installation and assembly data, and are available in PDF format on our website at [victaulic.com](http://victaulic.com).

### Warranty

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

### Intellectual Property Rights

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