



ENGINEERING CONFIDENCE



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Couplings

Stainless Steel / Galvanized Carbon Steel

The Victaulic® Original Grooved System (OGS) for Stainless Steel features a full line of couplings, fittings and valves designed for use on ¾–24" | DN20–DN600 Type 304/304L and 316/316L stainless steel pipe. Performance varies by product, see Victaulic product publications for more information. Victaulic also offers a new potable water product line; these couplings have a blue housing and utilize the Grade P fluoroelastomer gasket. They shall be used on Schedules 10S and 40S stainless steel and Schedules 10 and 40 galvanized carbon steel potable water piping systems only, with an operating temperature of +0°F to +180°F | -18°C to +82°C.



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Download publication 02 06 for ANSI/NSE						

Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings

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QuickVic[™] Rigid Coupling for Stainless Steel and Galvanized Carbon Steel Pipe

STYLE 807N

Download publication 06.28 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Angled bolt pad housing design provides rigidity
- Sizes from 2–12" | DN50–DN300
- Pressures up to 750 psi | 5171 kPa | 52 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:



Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings



QuickVic[™] Flexible Coupling for Stainless Steel and Galvanized Carbon Steel Pipe

STYLE 877N

Download publication 06.29 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Flexible pipe joint which allows for expansion, contraction and deflection
- Sizes from 2–8" | DN50–DN200
- Pressures up to 1000 psi | 6895 kPa | 69 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:



Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings



Rigid Coupling for Stainless Steel Pipe STYLE 889

Download publication 17.29 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Reduces linear or angular movement and useful for valve connections where rigidity is required
- Sizes from 2–12" | DN50–DN300
- Pressures up to 750 psi | 5171 kPa | 52 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:







Type 316 Rigid Coupling

STYLE 489

Download publication 17.25 for complete information

- Greatly reduces linear or angular movement and is useful for valve connections where rigidity is required
- Designed for use with fittings and valves featuring Victaulic[®] Original Groove System (OGS) grooved ends for fast installation
- Sizes from 1½-12" | DN40-DN300
- Pressures up to 600 psi | 4137 kPa | 41 bar



Certifications/Listings:

Rigid Coupling for Stainless Steel STYLE 89

Download publication 17.24 for complete information

- Greatly reduces linear or angular movement and is useful for valve connections where rigidity is required
- Designed for use with fittings and valves featuring *Victaulic* Original Groove System (OGS) grooved ends for fast installation
- Galvanized coated ductile iron coupling
- Sizes from 2–12" | DN50–DN300
- Pressures up to 1200 psi | 8274 kPa | 83 bar



Type 316 Lightweight Flexible Coupling STYLE 475

Download publication 17.14 for complete information

- Unique coupling design permits assembly by removing one nut/bolt and swinging the housing over the gasket
- Designed for use with fittings and valves featuring Victaulic Original Groove System (OGS) grooved ends for fast installation
- Sizes from 1-4" | DN25-DN125 | 165.1 mm
- Pressures up to 500 psi | 3447 kPa | 34 bar







No. 451 SS Eccentric Reducer

No. 460 SS

Stainless Steel Schedule 10S Fittings

Download publication 17.16 for complete information

- Grooved ends eliminate pipe end preparation for the fittings
- Designed for use with couplings featuring Victaulic® Original Groove System (OGS) grooved ends for fast installation
- Sizes from 34-12" | DN20-DN300
- Available in Type 304L or 316L
- **Download publication 17.27** for stainless steel flange options

Certifications/Listings:





No. 410 SS 90° Elbow



No. 411 SS 45° Elbow



No. 412 SS 22½° Elbow



No. 413 SS 11¼° Elbow



No. 420 SS Tee



No. 425 SS **Grooved Branch** Reducing Tee



No. 430 SS 45° Lateral



No. 433 SS True Wye



No. 435 SS Cross



No. 442 SS Adapter Nipple (Groove × Bevel)



No. 443 SS Adapter Nipple (Groove × Groove)



No. 445F Flat Face Flanged Adapter Nipple



No. 445R Raised Face Flanged Adapter Nipple







Cap



Type 316 Vic-Flange Adapter

STYLE 441

Download publication 17.27 for complete information

- ANSI Class 150
- Constructed from Grade CF8M stainless steel, making it ideal for externally corrosive environments
- Sizes from 2-6" | DN50-DN150
- Pressures up to 275 psi | 1896 kPa | 19 bar
- Available Flange Adapter Nipples:
 No. 445F Flat Face Flange Adapter Nipple
 No. 445R Raised Face Flange Adapter Nipple



Stainless Steel *Mechanical-T* Bolted Branch Outlet

STYLE 422

Download publication 17.02 for complete information

- Provides a direct Victaulic Original Groove System (OGS) grooved or female threaded branch connection at any location where a hole can be cut in the pipe
- A pressure responsive gasket provides the seal
- Also suitable for use with HDPE pipe
- Sizes from 2–10" | DN50–DN250
- Pressures up to 300 psi | 2068 kPa | 21 bar

Certifications/Listings:





Certifications/Listings:







Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings

Vic-300[™] MasterSeal[™] Stainless Steel Butterfly Valve

SERIES 861

Download publication 17.45 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Designed for bi-directional, dead end services to full working pressure
- Sizes from 2–12" | DN50–DN300
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact <u>Victaulic</u> for details



Stainless Steel Check Valve

SERIES 816

Download publication 17.46 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Resilient-seat spring return swing check valve designed for horizontal or vertical (upward flow) applications
- Sizes from 2–12" | DN50–DN300
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:





Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings

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Manual Balancing Ball Valve

TA SERIES 78BL

Download publication 08.50 for complete information

- Shut-off, manual throttling and measuring valve with reduced port
- IAPMO Certified 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
- Sizes from ½-2" | DN15-DN50
- Pressures up to 400 psi | 2800 kPa | 28 bar
- Rated from -4°F to +250°F | -20°C to +120°C
- Regional availability, contact Victaulic for details

Certifications/Listings:







ICSS Low Lead Balancing Valve

TA SERIES 76X

Download publication 08.51 for complete information

- Differential pressure options 2–32 psi | 13.78–220.6 kPa | .15–2 bar and 5–60 psi | 34–414 kPa | 3–4 bar
- Sizes from ½-¾" | DN15-DN20
- Pressures up to 400 psi | 2758 kPa | 28 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:



<u>Download publication 02.06</u> for ANSI/NSF Potable Water Approvals/Listings



Strainer

BERMAD MODEL 70F | VICTAULIC® SERIES 968-F

Download publication Model BC-70F-P for complete information

- Protects pipeline and valves from large foreign objects, such as sticks and stones
- Install upstream from control valves, flow meters and other system components
- Sizes from 1½-8" | DN40-DN200 (OGS)
 Sizes from 1½-24" | DN40-DN600 (Flange)
- Pressures up to 400 psi | 2758 kPa | 28 bar (for pressures up to 600 psi | 4137 kPa | 41 bar use Bermad Model 80F | Victaulic® Series 969-F)
- Regional availability, contact <u>Victaulic</u> for details



Certifications/Listings:



Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings

Pressure Reducing Valve Station

SERIES 386

<u>Download publication 102.16</u> for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Reduces and controls potable water system pressure to specified safe levels, independent of upstream pressure and flow variations
- Sizes from $2 \times 1\frac{1}{2}$ " through 6×2 " | DN50 × DN40 through DN150 × DN50
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact <u>Victaulic</u> for details



Single Branch Pressure Reducing Valve Station SERIES 386-SB

Download publication 102.17 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Designed to fit into areas with extreme spatial constraints
- Includes a low-flow bypass feature for optimum low-flow pressure control
- Sizes from 1½-6" DN40-DN150
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:



Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings

Certifications/Listings:



Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings

Vertical Pressure Reducing Valve Station SERIES 386-V

Download publication 102.19 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Designed to fit into closets
- Sizes from 1½-4" | DN40-DN100
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact Victaulic for details



Copper

The Victaulic® grooved copper system offers a full line of couplings, fittings and valves for systems rated up to 300 psi \mid 2068 kPa \mid 21 bar, as well as a line of roll grooving tools for on-site grooving. The Victaulic grooved copper system is cold-formed, eliminating the need for soldering or brazing. The copper connection system joins 2–8" \mid 54.0–206.4 mm \mid DN50–DN200 Types K, L, M or DWV copper tube

Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings



Butterfly Valve for Copper (Series 608N)

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O	Installation-Ready™ Transition Coupling for Copper to Stainless Steel for Potable Water (Style 644)	11	Dielectric Fitting for Copper (Style 647)	12
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Q	Adapter Vic-Flange Adapter for Copper (Style 641)	page	Mechanical-T Bolted Branch Outlet and Cross Assemblies for Copper (Style 622)	13
			Valve	page



13



QuickVic[™] Rigid Coupling for Copper STYLE 607

Download publication 22.13 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Designed for use on K, L, M or DWV copper tubing and available in sizes from 2-8" | 54.0-206.4 mm
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact **Victaulic** for details

Certifications/Listings:













Installation-Ready[™] Transition Coupling for Copper to Stainless Steel for Potable Water STYLE 644

Download publication 22.44 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Designed for use only on Types 304 or 316 Schedules 10S and 40S stainless steel pipe and ASTM B88 Types K, L and M copper tubing and ASTM B306 Type DWV copper tubing
- Sizes from 2–6" | DN50–DN150
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact <u>Victaulic</u> for details

Certifications/Listings:



Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings



Vic-Flange Adapter for Copper STYLE 641

Download publication 22.03 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Sizes from 2-6" | 54.0-155.6 mm
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:





Fittings for Copper

Download publication 22.04 for complete information

- Full-flow, standard radius copper fittings are supplied as either roll grooved wrought copper or bronze fittings
- Designed for installation in copper systems using either a Style 607 rigid coupling or a Style 641 flange adapter
- Sizes from 2-8" | 54.0-206.4 mm
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:





Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings



No. 610 90° Elbow



No. 611 45° Elbow



No. 620 Tee



No. 625 Reducing Tee (Groove × Groove × Groove)



Reducing Tee (Groove × Groove × Cup)



No. 643 Adapter Nipple



No. 650 Concentric Reducer



No. 652 Concentric Reducer $(Groove \times Groove)$ $(Groove \times Cup)$



No. 660 Cap





Dielectric Fitting for Copper STYLE 647

Download publication 22.21 for complete information

- Used to join carbon steel or stainless steel pipe to copper tubing with one fitting
- Available in groove \times groove, groove \times thread or thread \times thread
- Sizes from $\frac{1}{2}-4$ " | 12.2–104.8 mm
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact Victaulic for details

Certifications/Listings:







Certifications/Listings:



Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings

Mechanical-T Bolted Branch Outlet and Cross Assemblies for Copper

STYLE 622

Download publication 22.12 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Provides a direct branch connection at any location on K, L and M copper tubing
- Sizes from 2½-4" | 66.7-104.8 mm
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact <u>Victaulic</u> for details



Certifications/Listings:



<u>Download publication 02.06</u> for ANSI/NSF Potable Water Approvals/Listings

Butterfly Valve for Copper

SERIES 608N

Download publication 22.14 for complete information

- Joins quickly to copper tube by utilizing Style 607 rigid couplings
- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Sizes from 2½-6" | 50.8-152.4 mm
- Pressures up to 300 psi | 2068 kPa | 21 bar
- Regional availability, contact Victaulic for details

CPVC/PVC

These couplings utilize the Grade "P" gasket and shall be used on Schedules 40 and 80 CPVC/PVC potable water piping systems only, with an operating temperature of $+0^{\circ}F$ to $+180^{\circ}F$ | $-18^{\circ}C$ to $+82^{\circ}C$.



Couplings	page	Fittings	page
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Reducing Coupling for CPVC/PVC Pipe (Style 858)	15		





for CPVC/PVC Pipe STYLE 857

Download publication 33.17 for complete information

Installation-Ready™ Rigid Coupling

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Exclusively for use on CPVC/PVC pipe featuring Victaulic's proprietary PGS-300 groove profile
- Sizes from 2–12" | DN50–DN300
- Refer to the publication for maximum pressure ratings and temperature reduction factors
- Regional availability, contact Victaulic for details

Certifications/Listings:







<u>Download publication 02.06</u> for ANSI/NSF Potable Water Approvals/Listings



Installation-Ready[™] Transition Coupling for CPVC/PVC Pipe

STYLE 856

Download publication 33.16 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Provides a direct connection for Victaulic® PGS-300 grooved end CPVC/ PVC pipe or fittings to Victaulic OGS grooved end IPS or stainless steel pipe, fittings or valves of the same nominal size
- Sizes from 2–12" | DN50–DN300
- Refer to the publication for maximum pressure ratings and temperature reduction factors
- Regional availability, contact Victaulic for details

Certifications/Listings:







<u>Download publication 02.06</u> for ANSI/NSF Potable Water Approvals/Listings



Reducing Coupling for CPVC/PVC Pipe STYLE 858

Download publication 33.18 for complete information

- Utilizes Grade "P" gasket with improved resistance to typical potable water disinfectants
- Exclusively for use on CPVC/PVC pipe featuring Victaulic's proprietary PGS-300 groove profile
- Sizes from $2\frac{1}{2} \times 2^{"} 10 \times 8^{"}$ | 73.0 mm × DN50 DN250 × DN200
- Refer to the publication for maximum pressure ratings and temperature reduction factors
- Regional availability, contact Victaulic for details

Certifications/Listings:









PGS-300 Grooved End Fittings

Download publication 33.03 for complete information

- Exclusively for use on CPVC/PVC pipe featuring Victaulic's proprietary PGS-300 groove profile
- Sizes from 2-12" | DN50-DN300
- Refer to the publication for maximum pressure ratings and temperature reduction factors
- Regional availability, contact Victaulic for details

Certifications/Listings:





No. 350 90° Elbow



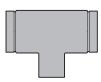
No. 351 45° Elbow



No. 352 Tee



No. 353
Reducing Tee
(Groove × Groove
× Groove)



No. 354
Reducing Tee
(Groove × Groove
× Socket)



No. 359FFlange Adapter
(Groove × Flange)



Reducing Adapter (Groove × Socket)



HDPE

Strong, durable, and easy to install, Victaulic's system solution for high-density polyethylene (HDPE) offers a complete line of Installation-Ready™ plain end and grooved products. Installation is up to ten times faster than fusion, weather agnostic, and requires only simple tools. Victaulic® couplings for HDPE can be buried or submerged, offer pressure ratings that meet or exceed pressure ratings of HDPE pipe, and offer visual verification of proper joint assembly.



To learn more visit victaulic.com/hdpesolutions

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O	Transition Coupling for HDPE-to-Steel Pipe (Style 907 and Style W907)	19			
0	Coupling for Double Grooved HDPE Pipe (Style 908)	19		Fittings	page
			F	Plain End HDPE Fittings	20





Coupling for Plain End HDPE Pipe STYLE 905

Download publication 19.07 for complete information

- Designed for plain end HDPE pipe (SDR 7 SDR 26)
- Sizes from 2–14" IPS and 63–355 mm ISO
- Pressure rating meets or exceeds the performance capabilities of the pipe

Certifications/Listings:

<u>Download publication 02.06</u> for ANSI/NSF Potable Water Approvals/Listings



Transition Coupling for HDPE-to-Steel Pipe STYLE 907 and STYLE W907

Download publication 19.10 for complete information

- Designed to provide a single transition from plain end HDPE pipe
 (SDR 7 SDR 26) to grooved steel sized piping system components
- Sizes from 2–14" IPS HDPE to 2–14" DN50–DN350 IPS grooved steel
- Sizes from 63–355 mm ISO HDPE to 2–14" | DN50–DN350 ISO grooved steel
- Pressure rating meets or exceeds the performance capabilities of the pipe

Certifications/Listings:

Download publication 02.06 for ANSI/NSF Potable Water Approvals/Listings



Coupling for Double Grooved HDPE Pipe STYLE 908

Download publication 19.09 for complete information

- Designed for double-grooved HDPE (SDR 7 SDR 21)
- Sizes from 8–36" IPS and 250–900 mm ISO
- Standard Victaulic® coupling assembly procedure used for installation

Certifications/Listings:



Flange Adapter for HDPE-to-Flanged Pipe STYLE 904

Download publication 19.12 for complete information

- Designed to provide a single transition from plain end HDPE pipe (SDR 7 SDR 26) to flanged piping system components
- Sizes from 3–8" IPS HDPE to 3–8" IPS ANSI Class 150 Flange
- Regional availability, contact Victaulic for details



Plain End HDPE Fittings

Download publication 19.11 for complete information

- Available in SDR 7, SDR 9, SDR 11, and SDR 17
- Sizes from 2-8" IPS and 63-225mm ISO
- Full flow fittings
- For use with Style 905, Style 907, and Style 904



No. H10 90° Elbow



No. H11 45° Elbow



No. H20 Tee



No. H50 Reducer



Stainless Steel / Galvanized Carbon Steel

CPVC/PVC



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