

## ANSI/NSF

### 1.0 APPROVALS/LISTINGS

The information provided within this document is based on the latest approval and listing data at the time of publication. Approvals/Listings are subject to change by the approvals agencies. Contact Victaulic or the corresponding agency for the latest approvals and listings.

### 2.0 GASKETS/SEALS/O-RINGS

The following Victaulic Gaskets/Seals/O-Rings are agency tested and approved for use in potable water systems. Reference should always be made to the approval agency, the approval, any exceptions listed below, and in the case of ANSI/NSF 61, please also refer to the potable water operating temperature rating.

Victaulic Gaskets/Seals	ANSI/NSF 61		ANSI/NSF 372
	Agency	Operating Temperature Rating	Agency
Grade "E" EPDM	UL	cold +73°F/+23°C and hot +180°F/+82°C	UL
Grade "EW" EPDM		cold +73°F/+23°C and hot +180°F/+82°C	
Grade "EHP" EPDM		cold +73°F/+23°C and hot +180°F/+82°C	
Grade "E2" EPDM		cold +73°F/+23°C and hot +180°F/+82°C	
Grade CHP-2		cold +73°F/+23°C and hot +180°F/+82°C	
Grade "M" Halogenated Butyl		cold +73°F/+23°C	
Grade "E" EPDM (For Vic-Press™ Sch 10S Only)		cold +73°F/+23°C and hot +180°F/+82°C	
Grade "H" Hydrogenated Nitrile Butadiene Rubber (HNBR) (For Vic-Press™ Sch 10S Only)		cold +73°F/+23°C and hot +180°F/+82°C	
Grade "P" Fluoroelastomer Blend		cold +73°F/+23°C and hot +180°F/+82°C	

**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 MECHANICAL COUPLINGS

Potable water approvals are based on testing of a product's wetted components. In the case of most Victaulic mechanical couplings, the gasket/seal/o-ring is the only wetted component; therefore the use of a coupling in potable water applications is strictly dependent upon the potable water and low lead approval of the gasket/seal/o-ring. Reference the chart on page 1 for potable water ANSI/NSF 61 and ANSI/NSF372 compliant gaskets/seals/o-rings.

Victaulic's Bolted Split Sleeve Couplings are an exception to this rule. These products are designed with additional wetted surfaces and therefore must carry their own individual approvals. The following Victaulic Bolted Split Sleeve Couplings are agency tested and approved for use in potable water systems. Always refer to the certifying agency for approved temperature ratings and any specific model details.

Victaulic Mechanical Couplings	ANSI/NSF 61		ANSI/NSF 372	Product Publication
	Agency	Operating Temperature Rating	Agency	
<b>BOLTED SPLIT SLEEVE COUPLINGS</b>				
Style 230 Non-Restrained Flexible Coupling	NSF Certified	cold +73°F/+23°C	NSF Certified	<a href="#">60.01</a>
Style 232 Restrained Flexible Coupling				<a href="#">60.05</a>
Style 233 Restrained Flexible Coupling for Dynamic Joint Deflection				<a href="#">60.07</a>
<b>OUTLET COUPLING</b>				
Style 72 Coupling (with Grade "E" EPDM gasket only)	UL Classified	cold +73°F/+23°C and hot +180°F/+82°C	-	<a href="#">06.10</a>

## 4.0 FITTINGS

The following Victaulic Fittings are agency tested and approved for use in potable water systems. Reference should always be made to the approval agency, the approval, any approval specifics listed below, the gasket/seal/o-ring if applicable, and in the case of ANSI/NSF 61, please also refer to the potable water operating temperature rating.

Potable water approvals are based on testing of a product's wetted components. In the case of mechanical tees, the gasket/seal/o-ring and the body material are wetted components, therefore the use of a mechanical tee in potable water applications is strictly dependent upon the potable water and low lead approval of the gasket/seal/o-ring and the body material combined. The chart below is the complete product assembly approval and includes the operating temperature rating that corresponds to ANSI/NSF 61 for the product listed.

Victaulic Fittings	ANSI/NSF 61			ANSI/NSF 372	Product Publication	
	Approval Specifics (if applicable)	Gasket/Seal/O-Ring (if applicable)	Agency	Operating Temperature Rating		Agency
<b>COPPER</b>						
Grooved Copper Fittings (Wrot and/or Cast)			NSF Certified	cold +86°F/+30°C and hot +180°F/+82°C	NSF Certified	<a href="#">22.04</a>
Style 622 Mechanical-T® Bolted Branch Outlet and Cross Assembly for Grooved Copper	Body Material C89836	Grade P Only	UL Classified	cold +73°F/+23°C and hot +180°F/+82°C	UL Classified	<a href="#">22.12</a>
Style 641 Vic-Flange® Adapter for Copper Tubing		Grade P Only		cold +73°F/+23°C and hot +180°F/+82°C		<a href="#">22.03</a>
Style 644 Installation-Ready™ Transition Coupling		Grade P Only		cold +73°F/+23°C and hot +180°F/+82°C		<a href="#">22.44</a>
Style 647 Dielectric Fitting						<a href="#">22.21</a>
<b>CPVC/PVC</b>						
CPVC Grooved End Fittings			NSF Certified	cold +73°F/+23°C and hot +180°F/+82°C	-	<a href="#">33.03</a>
<b>STAINLESS STEEL</b>						
Stainless Steel Fittings	Sch 5S, 10S and Sch 40S Only		NSF Certified	cold +73°F/+23°C and hot +180°F/+82°C	NSF Certified	<a href="#">17.16</a>
Vic-Press® Stainless Steel Fittings	Sch 10 Only	Grade E Only	UL Classified	cold +73°F/+23°C and hot +180°F/+82°C	UL Classified	<a href="#">18.11 (Type 316)</a> <a href="#">18.12 (Type 304)</a>
		Grade H Only				
Style 422 Mechanical-T® Bolted Branch Outlet for Stainless Steel		Grade E Only	NSF Certified		NSF Certified	<a href="#">17.02</a>
<b>GALVANIZED</b>						
Standard Grooved Fittings <sup>1</sup>	Galvanized Only		UL Classified	cold +86°F/+30°C	UL Classified	<a href="#">07.01</a>
<b>AQUAMINE®</b>						
Aquamine Pipe and Fittings			NSF Certified	cold +73°F/+23°C	NSF Certified	<a href="#">50.03</a>
<b>DUCTILE IRON</b>						
AWWA Fittings	Cement lined with a standard asphalt coating		NSF Certified	cold +73°F/+23°C		<a href="#">23.05</a>

<sup>1</sup> No. 10 90° Elbow, No. 11 45° Elbow, No. 12 22 ½° Elbow, No. 13 11 ¼° Elbow, No. 100 90° Long Radius Elbow, No. 110 45° Long Radius Elbow, No. 20 Tee, No. 25 Tee with Grooved Branch, No. 30 45° Lateral, No. 60 Cap, No. 50 Concentric Reducer, No. 51 Eccentric Reducer.

## 5.0 VALVES/FLOW CONTROL DEVICES

The following Victaulic Valves are agency tested and approved for use in potable water systems. Reference should always be made to the approval agency, the approval, any exceptions listed below, the gasket/seal/o-ring if applicable, and in the case of ANSI/NSF 61, please also refer to the potable water operating temperature rating.

Potable water approvals are based on testing of a product's wetted components. In the case of valves/flow control devices, the gasket/seal/o-ring and the body material are wetted components, therefore the use of a valve/flow control device in potable water applications is strictly dependent upon the potable water and low lead approval of the gasket/seal/o-ring and the body material combined. The chart below is the complete product assembly approval and includes the operating temperature rating that corresponds to ANSI/NSF 61 for the product listed.

Victaulic Valves/Flow Control Devices	ANSI/NSF 61				ANSI/NSF 372	Product Publication
	Approval Specifics (if applicable)	Gasket/Seal/O-Ring (if applicable)	Agency	Operating Temperature Rating	Agency	
<b>COPPER</b>						
Series 608N Butterfly Valve		Fluoroelastomer	UL Classified	cold +73°F/+23°C and hot +180°F/+82°C	UL Classified	<a href="#">22.14</a>
<b>CARBON STEEL</b>						
Series 7A2 Butterfly Valve		EPDM	NSF Certified	cold +73°F/+23°C	NSF Certified	<a href="#">08.27</a>
Series 7B2 Butterfly Valve						<a href="#">10.12</a>
<b>STAINLESS STEEL</b>						
Series 415 Check Valve	High flow, high velocity applications only <sup>2</sup>	EPDM	UL Classified	cold +73°F/+23°C	UL Classified	<a href="#">17.37</a>
Series 816 Check Valve		Fluoroelastomer	NSF Certified	cold +73°F/+23°C and hot +180°F/+82°C	NSF Certified	<a href="#">17.46</a>
Series 465 Plug Valve	High flow, high velocity applications only <sup>2</sup>	PTFE	UL Classified	cold +73°F/+23°C	UL Classified	<a href="#">17.36</a>
Series P569 Vic-Press® Stainless Steel Ball Valve				cold +73°F/+23°C and hot +180°F/+82°C		<a href="#">18.14</a>
Series 861 VIC®-300 MasterSeal™ Stainless Steel Butterfly Valve		Fluoroelastomer	NSF Certified	cold +73°F/+23°C and hot +180°F/+82°C	NSF Certified	<a href="#">17.45</a>

<sup>2</sup> Reference ANSI/NSF 61 - 2012, sec. 3.3.2.

## 6.0 EQUIPMENT MODULES

The following Victaulic Equipment Modules are agency tested and approved for use in potable water systems. Reference should always be made to the approval agency, the approval, any exceptions listed below, the gasket/seal/o-ring if applicable, and in the case of ANSI/NSF 61, please also refer to the potable water operating temperature rating.

Victaulic Mechanical Couplings	ANSI/NSF 61		ANSI/NSF 372	Product Publication
	Agency	Operating Temperature Rating	Agency	
<b>EQUIPMENT MODULES</b>				
Series 386 Pressure Reducing Valve Station	UL Classified	cold +73°F/+23°C	UL Classified	<a href="#">102.16</a>

### 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, 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 the Victaulic installation handbook or installation instructions of 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 [www.victaulic.com](http://www.victaulic.com).

### Warranty

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

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