Potable Water Approvals
ANSI/NSF

02.06

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.

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.

Mechanical Couplings:

Potable water approvals are based on testing of a product's wetted components. In the case of 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 below for potable water ANSI/NSF 61 and ANSI/NSF372 compliant gaskets/seals/o-rings.

Victaulic Gasket/Seal	ANSI/NSF 61		ANSI/NSF 372
	Agency	Operating Temperature Rating	Agency
Grade E	UL Classified	cold +73°F/+23°C and hot +180°F/+82°C	UL Classified
Grade EW		cold +73°F/+23°C and hot +180°F/+82°C	
Grade EHP		cold +73°F/+23°C and hot +180°F/+82°C	
Grade E2		cold +73°F/+23°C and hot +180°F/+82°C	
Grade EPW		cold +73°F/+23°C	
Grade CHP		cold +86°F/+30°C and hot +180°F/+82°C	
Grade M		cold +86°F/+30°C	
Grade E (for Vic-Press Sch 10S Only)		cold +73°F/+23°C and hot +180°F/+82°C	
Grade H (for Vic-Press Sch 10S Only)		cold +73°F/+23°C and hot +180°F/+82°C	

Job/Owner

System No.	
Location	

Contractor

Submitted By	
Date	

Engineer

Spec Section	
Paragraph	
Approved	
Date	

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
	Approval Specifics (if applicable)	Gasket/Seal/O-Rings (if applicable)	Agency	Operating Temperature Rating	Agency
COPPER					
Installation-Ready™ Fittings for Grooved Copper		Grade EHP Only	UL Classified	cold +73°F/+23°C and hot +180°F/+82°C	UL Classified
Grooved Copper Fittings (Wrot and/or Cast)			NSF Certified	cold +86°F/+30°C and hot +180°F/+82°C	NSF Certified
Style 622 Mechanical-T® Bolted Branch Outlet and Cross Assembly for Grooved Copper	Body Material C89836	Grade E Only	UL Classified	cold +73°F/+23°C	UL Classified
Style 647 Dielectric Fitting	¾-2"/20-50 mm				
	2½-8"/65-200 mm			cold +73°F/+23°C and hot +180°F/+82°C	
STAINLESS STEEL					
Stainless Steel Fittings	Sch 5S, 10S and Sch 40S Only		NSF Certified	cold +86°F/+30°C and hot +180°F/+82°C	NSF Certified
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
	Sch 10 Only	Grade H Only			
Style 422 Mechanical-T® Bolted Branch Outlet for Stainless Steel		Grade E Only	NSF Certified	cold +73°F/+23°C and hot +180°F/+82°C	NSF Certified
GALVANIZED					
Standard Grooved Fittings [1]	Galvanized Only		UL Classified	cold +86°F/+30°C	UL Classified
Style 920/920N Mechanical-T® Bolted Branch Outlet	Galvanized Only	Grade E Only		cold +73°F/+23°C	
AQUAMINE®					
Aquamine Pipe and Fittings			NSF Certified	cold +73°F/+23°C	NSF Certified
DUCTILE IRON					
AWWA Fittings	Cement lined with a standard asphalt coating		NSF Certified	cold +73°F/+23°C	

[1] No. 10 90° Elbow, No. 11 45° Elbow, No. 12 22½° Elbow, No. 13 11¼° 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.

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 inlcudes 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
	Approval Specifics (if applicable)	Gasket/Seal/O-Rings (if applicable)	Agency	Operating Temperature Rating	Agency
COPPER					
Series 608N Butterfly Valve		Grade CHP Only	UL Classified	cold +86°F/+30°C and hot +180°F/+82°C	UL Classified
CARBON STEEL					
Series 761 VIC®-300 MasterSeal™ Butterfly Valve		Grade E Only	UL Classified	cold +73°F/+23°C	UL Classified
Series 7A2 Butterfly Valve		Grade E Only	NSF Certified	cold +73°F/+23°C	NSF Certified
Series 7B2 Butterfly Valve		Grade E Only		cold +73°F/+23°C	
STAINLESS STEEL					
Series 415 Check Valve	High flow, high velocity applications only [2]		UL Classified	cold +73°F/+23°C	UL Classified
Series 465 Plug Valve				cold +73°F/+23°C	
Series 466 Plug Valve				cold +73°F/+23°C	
Series P569 Vic-Press® Stainless Steel Ball Valve				cold +73°F/+23°C and hot +180°F/+82°C	
Series 76X - ICSS Low Lead Balancing Valve			NSF Certified	cold +73°F/+23°C and hot +180°F/+82°C	NSF Certified
Series 461 VIC®-300 MasterSeal™ Stainless Steel Butterfly Valve		Grade E Only		cold +73°F/+23°C and hot +180°F/+82°C	
Series 763 Stainless Steel Butterfly Valve		Grade E Only		cold +73°F/+23°C	

[2] Reference ANSI/NSF 61 - 2012, sec. 3.3.2.

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.

Trademarks
Victaulic is a registered trademark of Victaulic Company.

