Gaskets/Seals/O-Rings

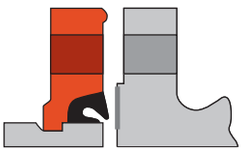
Victaulic offers a broad variety of synthetic rubber gaskets suitable for a wide range of applications. Victaulic® gaskets can accommodate high and low temperature extremes without loss of their chemical and physical properties. Refer to the *Victaulic* Seal Selection Guide, **publication 05.01** for a complete list.

For specific chemical and temperature compatibility, refer to the *Victaulic* Gasket Chemical Services Guide — Long Report (**GSG-100**) located on victaulic.com.

Installation-Ready™

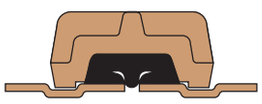
Traditional C-Shape

Reducing



Vic-Flange

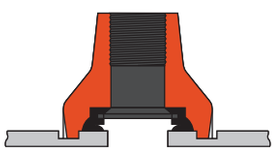
Flush-Seal™



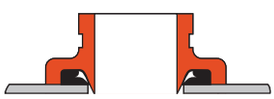
Grooved Copper Tubing with *Flush-Seal* Gasket

Advanced Groove System (AGS)

EndSeal™



Outlet



Mechanical-T

IPS to AWWA Transition

AWWA *Flush-Seal*

Plain End

Plain End for HDPE Pipe

Vic-Press™ for Schedule 10S Stainless Steel

FRP

Victaulic® Bolted Split-Sleeve Products (VBSP)

Shouldered Steel System

Style 809N for Ring Systems

Gasket Seal Data

Victaulic offers a variety of synthetic elastomeric gaskets for a wide range of applications. To assure the maximum life for the service intended, proper gasket selection is essential.

Many factors can affect the performance and longevity of a gasket. These factors include, but are not limited to temperature, fluid, concentrations, a combination of fluids and duration of service. Temperatures outside of the design limits or use with incompatible fluids can reduce the performance capability of the gasket and service life.

Services listed are General Service Guidelines for each of the three associated product areas. It should be noted that there are services for which these gaskets, seals and o-ring are not compatible. Reference should always be made to the Gasket Chemical Services Guide for each Victaulic® gasket Grade for specific service guidelines and for a listing of services which are not compatible.

Gasket, seals and o-ring guidelines apply only to *Victaulic* gaskets, seals and o-ring. Guidelines for a particular service does not necessarily imply compatibility of the coupling housing, related fittings, or other components for the same service. *Victaulic* gaskets are marked with the gasket size, style, and associated compound for identification.

Potable Water

Grade “E” EPDM, Grade “E” Vic-Plus™, Grade “EHP”, Grade “EHP” *Vic-Plus*, Grade “E2”, Grade “EW” and Grade “P” gaskets are 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.

Similarly, *Victaulic* Grade “M” halogenated butyl gasket material (which is used with *Victaulic* AWWA sized products) is UL Classified in accordance with ANSI/NSF 61 for cold +73°F | +23°C potable water systems and ANSI/NSF 372. See Victaulic **Publication 02.06** for more details.

The data provided is intended for use as an aid to qualified designers and specifiers when products are installed in accordance with the latest available *Victaulic* product line.

Valve Seals

Victaulic Seal Selection Guide (05.01) does not include *Victaulic* seals for valves. Refer to the individual Victaulic valve publication for information on the seals available for each valve.

Reference Materials

02.06: Victaulic Potable Water Approvals ANSI/NSF

05.01: Victaulic Seal Selection Guide

05.02: Victaulic Lubricant MSDS Sheet

05.02-EU: Victaulic Lubricant MSDS Sheet (Europe Only)

05.03: Victaulic Vic-Plus™ MSDS Sheet

GSG-100: Victaulic Gasket Chemical Services Guide — Long Report

⚠ CAUTION

- **To ensure maximum product performance for the intended service, always specify the proper elastomer or seal material. Refer to the “Gasket Selection” and Chemical Services” sections located within this document.**
- **For specific chemical and temperature compatibility, always refer to the “Gasket Chemical Services Guide — Long Report” (GSG-100), which can be downloaded at victaulic.com.**

Failure to select and specify the proper elastomer or seal material for the intended service may cause joint failure, resulting in property damage.