

Pipe Preparation Tools



Tool Accessories

PT100A AND PT102

[Download submittal 24.01](#) for complete information

- Go/No-Go, pocket-sized steel tapes for taking circumferential measurements of pipe
- Go/No-Go side can be used to check cut or roll grooved pipe for conformance to Victaulic® grooved specifications
- Tapes notched on the lead end to allow proper overlap within the groove for more accurate measurement
- PT100A contains Go/No-Go markings for use with $\frac{3}{4}$ –24" | 20–600 mm pipe; tape marked with 0.01" | 0.25 mm increments on the opposite side
- PT102 contains Go/No-Go markings for use with Original Groove System sizes 8–12" | 200–300 mm and Advanced Groove System sizes 14–72" | 350–1800 mm; tape marked in 0.02" | 0.5 mm increments on the opposite side
- Go/No-Go side of tapes may not be used to measure cast iron, ductile iron, or copper tube sizes

Vic™-Lube

GASKET LUBRICANT

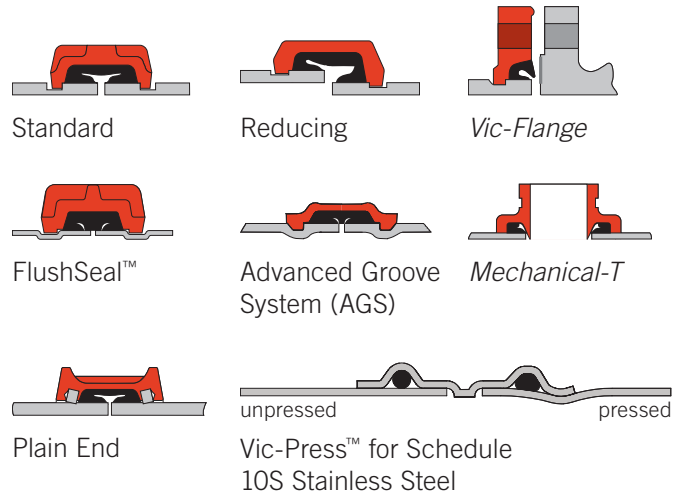
[Download submittal 05.02](#) for complete information

- To ensure easy assembly and service be sure to include plenty of Victaulic lubricant
- Available in a (12) tube pack or 32 oz. container
- Not compatible for use with HDPE pipe
- See pg. 23 for more information

Elastomer Gasket Seals

Victaulic® offers a broad variety of synthetic rubber gaskets suitable for a wide range of applications. Victaulic gaskets provide high- and low-temperature limits, tensile strength, chemical resistance and shelf life.

Nitrile Grade T (Type A) gaskets are DNV-GL and LR Type approved with Style 07, 75, and 77 couplings along with the Style 741 flange adapter, tested according to requirements of ISO 19921 and applicable as per requirements of IACS member rules.



Gasket Materials

Victaulic offers a wide variety of elastomeric gaskets for a broad range of applications. For most water applications, the Victaulic Grade “E” EPDM (ethylene propylene diene monomer) gasket compound is compatible. Victaulic Grade “E” material has premium performance properties with respect to aging and resistance to heat and hot water. Heat aging tests at +250°F | +121°C conducted on this material show essentially no change in physical properties. This situation is further enhanced when this rubber is subjected to an essentially non-oxidative environment, such as a gasket in a water piping system. For example, aging tests in a non-oxidative atmosphere show essentially no change in physical properties of this material even when tested at temperatures up to +350°F | +177°C.

Since water has no deteriorating effect on the elastomer, temperature is the only limiting factor to be considered in determining the life expectancy of the elastomer in water service. The superior performance of the Grade “E” elastomer permits its use for hot water service up to +230°F | +110°C. The Grade “E” gasket is superior to previous gasket materials by all performance barometers, including high and low temperature limits, tensile strength, chemical resistance and shelf life.

The Grade T “Type A” gasket 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. ISO 19921:2005(E) compliant fire resistant material in accordance with DNV and LR.

Gasket/Seal/O-Ring Data

Victaulic offers a variety of elastomeric gaskets/seals/o-rings for the widest range of applications. To assure the maximum life for the service intended, proper gasket selection and specification in ordering is essential.

The foremost consideration is temperature, along with concentration of product, duration of service and continuity of service. Temperatures beyond the compatibility limits have a degrading effect on the polymer.

Services listed are General Service Guidelines only. It should be noted that there are services for which these gaskets/seals/o-rings are not compatible. Reference should always be made to the latest Gasket Chemical Services Guide ([download publication GSG-100](#)) for specific service guidelines and for a listing of services which are not compatible.

Gasket guidelines apply only to Victaulic gaskets, seals and o-rings. Guidelines for a particular service do not necessarily imply compatibility of the coupling housing, related fittings or other components for the same service.

These guidelines do not apply to rubber-lined or rubber seal valves or other rubber-lined products. Victaulic gaskets are clearly marked as part of the mold with the gasket size, style and compound for easy identification.

Gasket Lubricant

Thorough lubrication of the gasket exterior, including the sealing lips and/or pipe ends and housing interiors, is essential for proper installation. Use Victaulic lubricant for installation. Other compatible material, such as silicone and others may be used on Grades “E” gaskets. Victaulic lubricant is available in a box of (12) 4 fluid ounce | 114 milliliter tubes or in 1 quart | 946 milliliters containers.

ALWAYS USE LUBRICANT FOR PROPER COUPLING ASSEMBLY.

Valve Seals

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