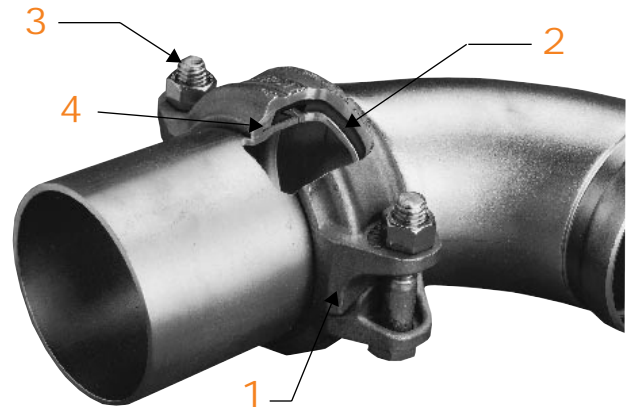


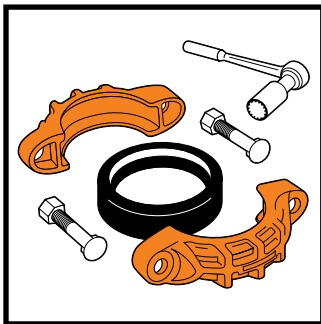
PRODUCT DESCRIPTION

The Victaulic® system for stainless steel piping provides fast, easy, economical joining of Schedule 5, 10, 20 and 40 austenitic pipe for widely varied services. Designed around Type 316/316L components, it is generally suitable for Type 304 and others for services within the capabilities range.

Pipe can be field roll grooved to conform to ANSI/AWWA C-220 requirements (C-606 section reference) with Victaulic tools. Fittings are supplied grooved to the same standards ready to install. Couplings are available for both rigid and flexible joints.

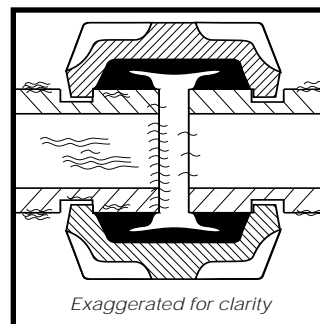


1. **Housing** – The housing fully encases the gasket engaging into the pipe grooves around the full circumference. Standard material is Type 316 stainless steel (Type 304 available) for externally corrosive environments and ductile iron for most services with other materials and various coatings available.
2. **Gasket** – Provides sealing against pressure or vacuum, with varied compounds to handle most process services. Since only the gasket touches the media, many special gaskets can be used with standard couplings for material savings.
3. **Nuts/Bolts** – Only two bolts are required to secure the housings. Stainless steel couplings are provided with ASTM-A193 B8M bolts and A194 B8M nuts (depending on coupling); standard couplings with plated ASTM-A183 track head bolts and nuts.
4. **Groove** – Roll grooving removes no metal providing a formed groove suitable for Schedule 5 through ANSI standard wall thickness stainless steel (and others) field applied with hand, electric or hydraulic tools.



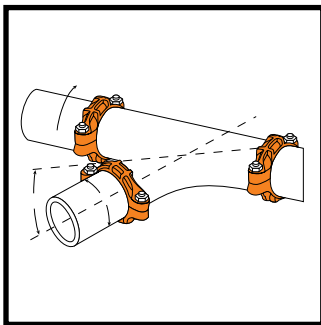
Economical and practical

Up to five times faster to install than welding, flanging or threading, the Victaulic system can reduce total installed costs by 20 to 40%. Cost estimates are more accurate; completion dates more predictable.



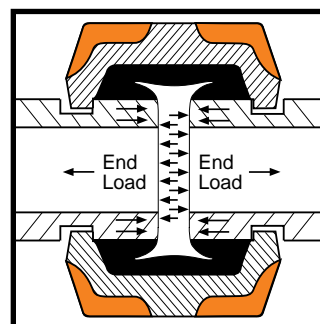
Noise and vibration attenuation

The basic design of independent grooved pipes, sealed by a rubber gasket and unified by an externally bolted coupling housing, reduces noise/vibration transmission geometrically throughout a system. Independent tests verify superior vibration attenuation. See section 26.04.



Easy system or equipment access

Removal of two couplings (just four bolts) provides access for cleaning, maintenance, system expansion or changes. Victaulic butterfly valves provide “dead-end” shut-off service to isolate equipment or systems.



Seismic stress absorption

The full engagement of the housing keys into grooves around the full pipe circumference provides significant pressure restraint and end load capabilities to withstand pipe movement from varied internal and external sources. See section 26.05.