

VICTAULIC Shouldered Solutions

With a full range of couplings, fittings and valves, Victaulic offers a complete system of products that install safer, easier and up to 10 times faster than alternative pipe joining methods.



www.victaulic.com/mining

VICTAULIC

Shouldered Installation-Ready Couplings

Improved installation productivity – up to 10 times faster



1 Lube it!
Installation-ready couplings install twice as fast as standard couplings and up to 10 times faster than traditional pipe joining methods.

2 Push it!
The installation-ready design eliminates the need to disassemble the coupling and provides a third hand during installation. No loose parts to drop or lose on-site improves productivity.



3 Join it!

By requiring fewer steps to assemble, the installation-ready design allows for more consistent installations. Correct installation of Victaulic installation-ready shouldered couplings can be confirmed visually with metal-to-metal contact of the bolt-pads.*

4 Tighten it!

Eliminates hot-works and fire hazards on-site – and the cost, paperwork and lost time associated with them.

**Consult www.victaulic.com for the latest installation guides and for proper impact wrench usage. Conforms to pipe ends that conform to SANS 815 Standards*

Engineered for Excellence

Optimized piping system performance

System design flexibility

- Coupling flexibility allows for expansion, contraction and deflection of the system
- FlushSeal™ gasket lip protects pipe ends

Full system durability

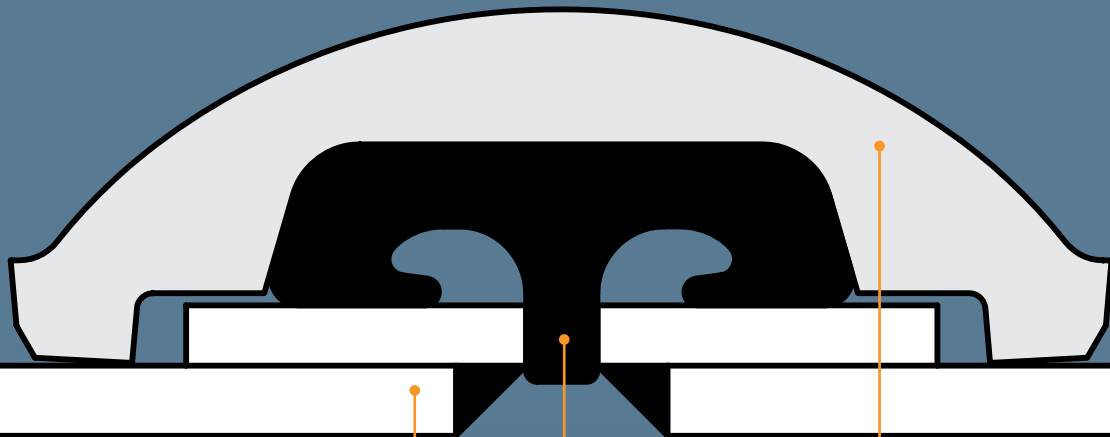
- Maintains pipe wall thickness on abrasive service applications
- Joins with a range of shouldered fittings that can be lined for added durability

Operational efficiency

- A union at every joint decreases system downtime during maintenance or expansion

Sustainability

- No leak path for compressed air systems reduces energy consumption



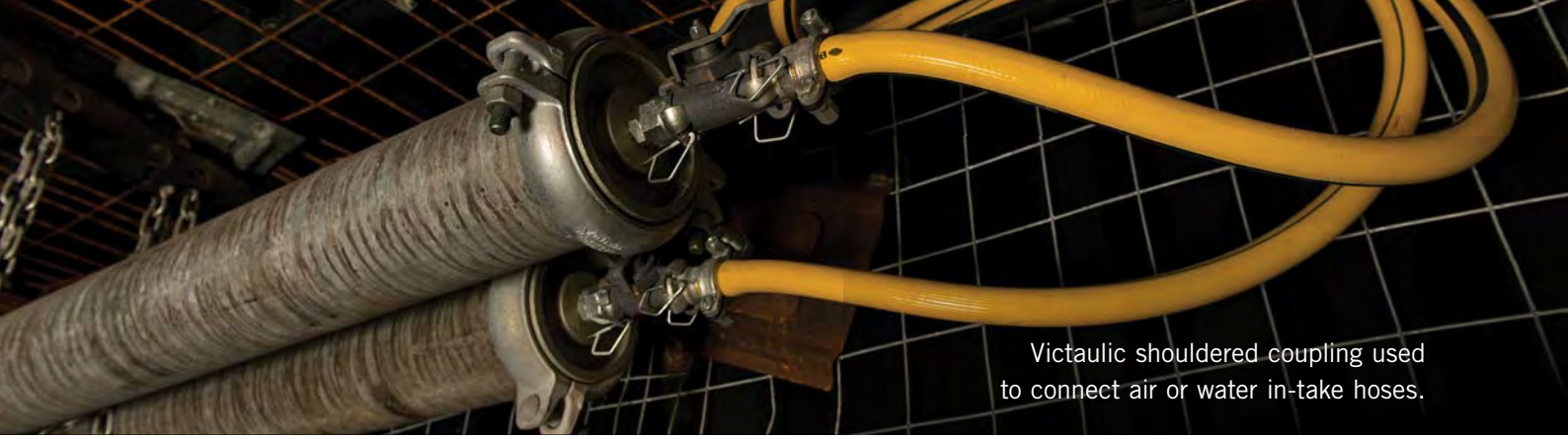
Exaggerated for clarity.

Overhang shoulder shown. Victaulic couplings for shouldered pipe can also be used on flush rings.

SHOULDERED
PIPE

GASKET WITH
CENTER LEG

DUCTILE
IRON HOUSING



Victaulic shouldered coupling used to connect air or water in-take hoses.

Victaulic shouldered couplings, fittings and valves can be used on the following mining applications:

Above ground

- Acids
- Compressed Air
- Flotation Agents
- Tailings/Slurries
- Wastes
- Water

Below ground

- Compressed Air
- Dewatering
- Wastes
- Water



Anglo Gold, South Africa
Dewatering line
3200 kPa/465 PSI

Complete System Solutions

A full line of shouldered products



Couplings

Victaulic SC77 Shouldered Installation-Ready couplings install up to 10 times faster than traditional pipe joining methods. Couplings are supplied standard with a galvanized finish to eliminate corrosion concerns, and can withstand pressures of up to 4000 kPa/500 psi.

Available from 60.3-219.1 mm/2"-8".

For sizes 273.0-323.9 mm/10"-12" traditional style shouldered couplings are available.

Shouldered Fittings

Victaulic shouldered fittings can be lined for abrasive service piping applications. All shouldered fittings are provided with a galvanized finish to eliminate corrosion concerns.



Shouldered Valves

Victaulic Series SC761 Shouldered Butterfly Valves provide superior flow rates with an off-set center disc. Designed with ease and simplicity in mind, Victaulic shouldered butterfly valves feature a lower operating torque than most valves in the market.

Victaulic Series 7S2 Shouldered Gate Valves feature three internal parts making maintenance simple. The gate is rubber encapsulated for true compression sealing and the reduction of wear and jamming. Manufactured in accordance to AS 2638.2.

With Style SC998 HDPE-to-Shouldered pipe transition coupling, bulky connection components are no longer necessary.

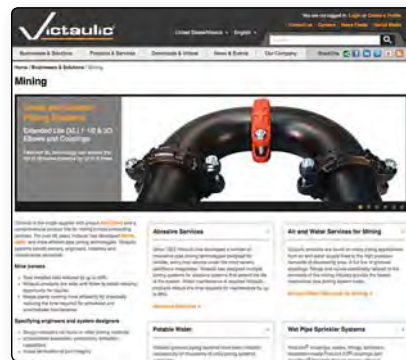


HDPE Transition Coupling

By providing a single piece transition between HDPE and shouldered steel pipe, the Victaulic Style SC998 HDPE-to-Shouldered transition coupling offers the easiest, fastest way to transition between two pipe materials.

Shouldered Solutions

Victaulic invented the grooved end system for pipe joining in 1919. More than 85 years later, Victaulic continues to lead the industry with pipe joining innovations and solutions around the world. With offices and manufacturing facilities in Europe, Asia, the US and Canada, and a worldwide network of sales and service representatives, Victaulic works closely with engineers, contractors and owners to provide mechanical piping systems that lower costs, improve productivity, reduce risk and allow for system expansions.



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- Download product submittals and literature
- Piping software demos and modules
- Engineering support services

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