

Style 926 Mechanical-T® Spigot Assembly

PRODUCT DESCRIPTION



**Series 365
Vic-Plug™**
See 23.06



**Style 307
Transition Coupling**
See 23.03



**Style 341
Vic-Flange®**
See 23.04



**Style 31
Coupling**
See 23.02



**Style 994
Flange**
See 19.04



**Style 997
Transition Coupling**
See 19.03



**Spigot
Assembly**

The Victaulic mine tailings spigot assembly is a combination of the Style 926 Mechanical-T coupled to the Series 365 Vic-Plug™ valve on either steel, cast iron, or HDPE outlet piping. The Mechanical-T has a 6" (168,3 mm) outlet that mounts directly onto steel, plastic or cement asbestos pipe with outside diameters from 22 - 26" (559,0 - 660,4 mm) (including 20"/508,0 mm) ID cement asbestos pipe and 24 - 26" (610,0 - 660,4 mm) ID steel or plastic pipe. For other outlet sizes contact Victaulic.

Specially designed for semi-solid and solids piping, the Vic-Plug with its circular port design assures smooth, efficient flow. The eccentric plug rests out of the flow path when the valve is in the full open position. The Grade "T" nitrile coated plug and welded-in nickel seat provide leak-tight sealing up to 175 psi (1200 kPa). Self-lubricating stainless steel bearings prevent binding. Protective O-rings guard against media and grit intrusion into the bearing area.

The Style 926 Mechanical-T is mounted on the pipe with a reusable spigot strap and U-bolts which are constructed from corrosion resistant stainless steel. All other hardware on the assembly is zinc electroplated. For protection against harsh environments epoxy coating is available. The assembly is fully rated to a working pressure of 150 psi (1035 kPa). Assembly is made easy using standard Victaulic couplings and adapters.

To accept the Mechanical-T spigot, a 7" (177,8 mm) diameter hole is required on the main pipeline. To ease handling and installation assembly components are shipped separately. Style 926 is recommended for applications where excessive bending loads will not occur.

MATERIAL SPECIFICATIONS

Style 926 Mechanical-T Outlet

Body and Cross Bars: Ductile iron conforming to ASTM A-536

Body and Cross Bar Coating:(Specify choice on order)

- Orange enamel
- **Optional:** Coal tar epoxy coating

Strap: Type 304 stainless steel

U-bolts: Type 304 stainless steel

Nuts and Washers: Type 304 stainless steel

Gasket: (Specify choice on order*)

- **Grade "T" nitrile**

Nitrile (Orange color code). Temperature range -20°F to +180°F (-29°C to +82°C). Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. Not recommended for hot water services over +150°F (+66°C) or for hot dry air over +140°F (+60°C).

- **Optional: Grade "E" EPDM**

EPDM (Green color code). Temperature range -30°F to +230°F (-34°C to +110°C). Recommended for cold and hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. UL classified in accordance with ANSI/NSF 61 for cold (+30°C) and hot (+82°C) potable water service. NOT RECOMMENDED FOR PETROLEUM SERVICES.

*Services listed are General Service Recommendations only. It should be noted that there are services for which these gaskets are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific gasket service recommendations and for a listing of services which are not recommended.

Series 365 Vic-Plug Valve

Body: Cast iron conforming to ASTM A-126 Class B or ductile iron conforming to ASTM A-536

Body Coating: (Specify choice on order)

- **Tnemec 37-77**

- **Optional:** Other coatings (internal and/or external) available. Material specification must be supplied with order.

Seat: Welded-in nickel

Bonnet and Packing Gland: Ductile iron conforming to ASTM A-536

Plug: Ductile iron conforming to ASTM A-536

Plug Coating/Seal: (Specify choice on order*)

- **Grade “T” nitrile**

Nitrile (Orange color code). Temperature range –20°F to +180°F (–29°C to +82°C). Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range. Not recommended for hot water services over +150°F (+66°C) or for hot dry air over +140°F (+60°C).

- **Optional: Grade “V” neoprene**

(Yellow color code). Temperature range from +30°F to +180°F (+34°C to +82°C). Recommended for hot lubricating oils and certain chemicals. Good oxidation resistance. Will not support combustion.

- **Optional: Grade “E” EPDM**

EPDM (Green color code). Temperature range –30°F to +230°F (–34°C to +110°C). Recommended for cold and hot water service within the specified temperature range plus a variety of dilute acids, oil-free air and many chemical services. UL classified in accordance with ANSI/NSF 61 for cold (+30°C) and hot (+82°C) potable water service. NOT RECOMMENDED FOR PETROLEUM SERVICES.

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Stem Packing: Adjustable chevron style – nitrile standard, same as Plug Coating available upon request.

Upper/Lower Bearing: Type 316 stainless steel backed–self lubricating

Upper/Lower O-ring: Nitrile standard, same as Plug Coating available upon request

Upper/Lower Thrust Washer: Teflon/glass filled

Bonnet Gasket: Non-asbestos

Packing Gland: Ductile iron conforming to ASTM A-536

Packing Gland Studs/Nuts: Steel, zinc plated

Operator: (Specify choice on order)

- **Bare – no handle***

- **Optional:** Manual lever handle

- **Optional:** Memory stop

- **Optional:** AWWA standard gear operator with handwheel

- **Optional:** Memory Stop

- **Optional:** Chain wheel

- **Optional:** AWWA standard gear operator with handwheel

- **Optional:** Non-standard gear operator

- **Optional:** Actuators: Electric, pneumatic, hydraulic – contact Victaulic for details.

*AWWA 2" square nut provided (3 - 6" sizes only)

Style 31 Coupling, Style 307 Transition Coupling, and Style 341 Vic-Flange Adapter

Housing: Ductile iron conforming to ASTM A-536

Style 31 Coupling/Style 341 Vic-Flange Housing Coating: Couplings are supplied with a universal alkyd-phenolic primer

On request the following are available:

- a) Orange enamel
- b) Coal tar epoxy coating (3 mils)

Optional:

- 1) Organic zinc primer
- 2) Bituminous coating
- 3) Others available, contact Victaulic

Style 307 Transition Coupling

Housing coating: Orange enamel

- **Optional:** Hot dipped galvanized and others.

Gaskets: (Specify choice on order*)

- **Grade “M” (FlushSeal® Style 31 and Style 307)**
Halogenated Butyl (Brown color code). Temperature range –20°F to +200°F (–29°C to +93°C). Specially compounded to conform to ductile pipe surfaces. Recommended for water service with the specified temperature range plus a variety of dilute acids, oil-free air, and many chemical services. UL classified in accordance with ANSI/NSF 61 for cold (+30°C) potable water service. NOT RECOMMENDED FOR PETROLEUM SERVICES.
- **Grade “S” (FlushSeal Style 31 and Style 307)**
Nitrile (Red color code). Temperature Range –20°F to +180°F (–29°C to +93°C). Specifically compounded to conform to ductile pipe surfaces. Recommended for petroleum products, air with oil vapors, vegetable and mineral oils within the specified temperature range; except hot air over +140°F (+60°C) and water over +150°F (+66°C). Not recommended for hot water services.

*Services listed are General Service Recommendations only. It should be noted that there are services for which these gaskets are not recommended. Reference should always be made to the latest Victaulic Gasket Selection Guide for specific gasket service recommendations and for a listing of services which are not recommended.

Bolts/Nuts: Heat treated plated carbon steel to ASTM B-633, track-head, conforming to physical properties of ASTM A-183 minimum tensile 110,000 psi (758340 kPa)

Style 341 Vic-Flange Only

Hinge Bushing: Plated steel (Style 341 only)

Style 994 HDPE Flange Adapter

Housing: Ductile iron conforming to ASTM A-536

Housing Coating: Orange enamel.

- **Optional:** Hot dipped galvanized and others.

Gasket (Specify choice*): Same as Style 926 above.

Bolts/Nuts: Heat treated plated carbon steel, track-head conforming to physical properties of ASTM A-183 minimum tensile 110,000 psi (758340 kPa)

Weight

Style No.	Weight
6" Spigot Assbly. (HDPE pipe)	
S/926 Mechanical-T	45.0
S/31 Coupling	9.4
S/365 Vic-Plug	70.0
S/341 Vic-Flange	12.0
S/994 HDPE Flange	17.3
Total Assembly	153.7
6" Spigot Assbly. (Steel pipe)	
S/926 Mechanical-T	45.0
S/31 Coupling	9.4
S/365 Vic-Plug	70.0
S/307 Transition Cplg.	9.0
Total Assembly	133.4