

The QuikValve Sleeve shall be fabricated to assure a 360° seal around the pipe under working pressures up to 150 psi (test pressure: 225 psi). The sleeve will be made of ASTM A-36 steel, lined and coated with fusion bonded epoxy to 10-12 mils. Epoxy to meet the requirements of AWWA C-213. Provides attachment to pipe for drilling, reaming and final assembly of the QuikValve Water Control Valve. May be used on cast iron, ductile iron, asbestos cement, C900 PVC and some IPS PVC pipes.

A special flange will be used that mates with the QuikValve installation equipment and valve assembly.

The neck will be manufactured to precision tolerances that assure proper alignment support, and sealing of the QuikValve insert.

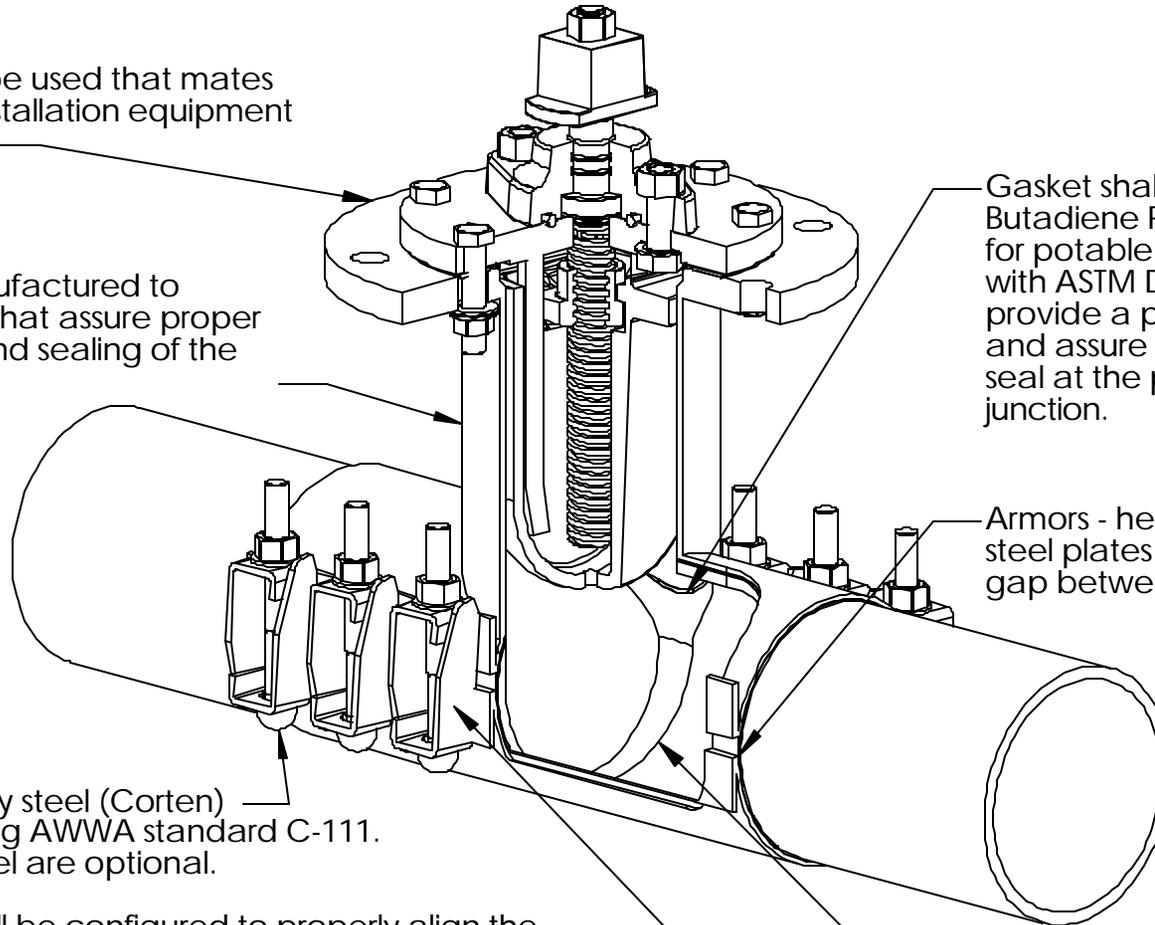
Gasket shall be made of Styrene Butadiene Rubber (SBR) compounded for potable water service in accordance with ASTM D2000 3 BA715. The gasket provide a positive 360° seal on the pipe and assure a tight, durable, and resilient seal at the pipe sleeve - valve insert junction.

Armors - heavy gauge type 304 stainless steel plates will be used to bridge the gap between the sleeve halves.

High strength low alloy steel (Corten) bolts and nuts meeting AWWA standard C-111. Type 304 stainless steel are optional.

Lugs on the sleeve will be configured to properly align the sleeve halves during installation, provide a bolting surface, and assure a 360° seal. The lugs are designed to prevent excessive stress on the pipe, and minimize distortion of soft (PVC) pipes.

Reaming provides a machined surface for the valve insert to seal against



The QuikValve Valve assembly, when installed in a QuickValve Sleeve, shall perform as a water control device giving an effective shutoff of the flow of water of 95% or better. It will be designed to be inserted into the QuickValve Sleeve after the drilling and reaming procedures are performed. The valve will be installed in the open position, under pressure and under flow conditions without any interruption of water service. The QuikValve Valve shall give a full flow waterway after installation

