

### **HYMAX Coupling (1.5"-12") Specification Sheet**

Sleeve Type design consisting of center sleeve and two compression end rings. Each ring includes: one end ring and multi-range two layered EPDM gasket and stainless steel spanner, one type 304 stainless steel nut and bolt. Design per AWWA C219.

**Size Range:** Available in nominal diameter ranges from 1.5 to 12 inches

**Coupling body:** Center sleeves fabricated of high strength carbon steel tubing

Which meets ASTM A 53 Grade A steel standard.

**Compression End Rings:** One gasket compression end ring per coupling end .

End rings to be with one bolt design, fabricated of carbon steel

equivalent to ASTM A 795 steel.

**Hydraulic Wide Range Gasket:** Chloramine Resistant NSF 61 and NSF-372 EPDM gasket available. Gasket designed with a multi-layered wide range removable outer

layer. Gasket hydraulically actuated with a pressure-equalizing dam ,

pressure cavity and sealing lip for working pressure of 260 psi.

Working temperature:

for continuous operations: -20°F up to +180°F,

for shorter operating time: up to +215°F

**Nuts and Bolts:** ANSI 304 Grade Stainless Steel with yield strengths that confirm to all nationally recognized standards. Bolts are pre-coated with an anti-seize type coating to prevent galling. Use of additional lubricant on bolts will void the warranty of the product.

**Coating:** Interior and Exterior NSF-61 and NSF-372 Approved Fusion Bonded Epoxy coating conforming to AWWA C213 section 4.5. Average thickness, 14 MILS.

Working Temperature range:

Above ground applications up to +125°F.

Under ground applications up to +150°F.

**Performance:** When properly installed the coupling will provide 8 degrees

of deflection across the coupling (4 degrees per end); up to 260 psi working

pressure and 3/8 inch longitudinal pipe movement without leakage.

**Testing:** All products are proof tested to a minimum of 1.5 times working pressure, and go through a vacuum test in 12 psi.