



Specifications: Hymax ® Coupling

Hymax ® Coupling: Sleeve Type design consisting of center sleeve, one end ring and multi-range two layered EPDM gasket and stainless steel spanner per end, one type 304 stainless steel nut and bolt per end. (Two nuts and bolt per end for 350mm nominal diameter and above).

Size Range: Available in nominal diameter ranges from 40 to 1400 mm (1.5 to 56 inches) on all pipe classes.

Coupling body: From 40mm through 300mm Nominal Center Sleeve is fabricated of carbon steel at least RST-37.2 (DIN 17100) tubing. From 350mm Nominal and above Center Sleeve is fabricated of carbon steel RST-37.2 (DIN 17100).

Compression End Rings: One gasket compression end ring per coupling end. End rings to be of one bolt design (or two for large diameter of 350mm and above), fabricated of carbon steel RST-37.2 (equivalent to ASTM A570/93 grade 36 or DIN 17100).

Hydraulic Wide Range Gasket: EPDM gasket, approved for contact with drinking water, 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 pressures as indicated.

Nuts and bolts: AISI 304 (ISO 683, DIN 1.4301) grade Stainless Steel. Bolts, Nuts and Washers are produced according to ISO 3506 grade A2-70 standard (DIN 267 part11). Bolts to be coated with an anti-seize type coating to prevent galling.

Coating: Interior and Exterior: Fusion Bonded Epoxy coating approved for contact with drinking water.

Performance: When properly installed the coupling will provide sealing under the following conditions:

Angular deflection of 4-10 degrees per end to a total of 8-20 degrees
Working pressure of up to 16 bars (according to the indicated pressure rating)
Longitudinal pipe movement of up to 10 mm.

Testing: All products are proof tested to a minimum of 1.5 times working pressure.
