



Product: P Flange assembly

Applications: Typically natural gas, but can be used with other high pressure gasses or fluids (please enquire for compatibility)

Description: This is a unique high pressure flange assembly significantly smaller and more robust than standard ANSI flanges in this pressure class. The sealing concept is based on a deformable sealing ring, whereby the sealing ring is compressed axially to slightly above yield strength during assembly, causing the seal ring to seat itself with the flange and mating part, to create a 100% tight seal under internal pressure. The flanges are designed with unique features to ensure correct installation, reliable sealing, and no maintenance during the lifetime of the piping arrangement.

Installation instructions including nozzle loadings, and class certificates are available on request.

Specification: According to ASME 16.5 #2500, ASME VIII Div.2, ASME II Part D.

Dimensions: Available in 1", 1 ½", 2" and butt weld connection SCH 40, SCH 80, or SCH XXS

Other sizes may be available on request

Materials: EN1.4401/4, SS316

EN1.4462 Duplex

EN1.4410 Super Duplex