

Piggable Wye Fittings

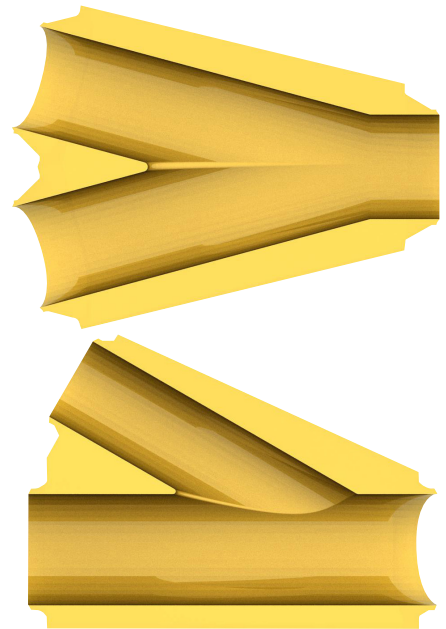
Join pipelines to complete pigging operations



Our symmetrical and asymmetrical piggable wye fittings are forged or cast and join pipelines to enable pigging operations. Pigs can be deployed from either inlet branch toward the single outlet.

The fittings include an industry-accepted intersection by using a 30° inclusive angle between the inlet bores to support the reliable passage of most common pipeline pigs.

- » The inlets and outlets of the piggable wye terminate with a hub prepared for butt welding
- » Wye ends can be supplied with pipe pups for butt welding or pipe pups with flanges



Symmetrical piggable wye fitting (top) and asymmetrical piggable wye fitting (bottom)
A bi-directional [divertible] piggable wye design is available upon request.

Piggable Wye Fittings

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Design Parameters

Nominal pipe size (NPS): any API Specification 5L pipe, wall thickness, and grade

Service: Standard (i.e. crude oil, natural gas, hydrocarbons, water, or chemical injection, etc.) and sour (i.e. hydrogen sulfide, carbon dioxide, etc.)

Design pressure rating: up to ANSI Class 2500

Design temperature range: 25°F to 250°F / -4°C to 121°C

Configuration: Symmetric or asymmetric

Inlet/outlet ends: Butt-weld hubs, butt-weld pipe pups, or flanged

Material Specifications

Body: ASTM A105 or ASTM A694 forging (size and pipeline grade dependent)

External coating: Carboline® 890 epoxy paint system, safety yellow color

Applicable Design Codes, Standards, and Specifications (latest editions)

PCRS Group Piggable Wye Drawings, Bill of Materials (Controlled Copies), and Vendor Supplied Material Test Reports

ISO 9001:2015 Quality Assurance - Quality Control Procedures and PCRS Operating Procedures

ASME Boiler Pressure Vessel Code, Section V Nondestructive Examination

ASME Boiler Pressure Vessel Code, Section VIII, Division 1 and 2

ASME Boiler and Pressure Vessel Code, Section IX Welding and Brazing Qualifications (applicable if configured with pipe pups or RTJ flanges)

ASME B16.5, Pipe Flanges and Flanged Fittings

ASME B31.4, Pipeline Transportation Systems for Liquid Hydrocarbons and Other Liquids

ASME B31.8, Gas Transmission and Distribution Systems

API 5L, Specification for Line Pipe

MSS SP-44, Steel Pipeline Flanges

NACE MR0175, Sulfide Stress Cracking Resistant Metallic Materials for Oilfield Equipment

Certifications

ISO 9001:2015 - World Certification Services Ltd. - Accredited by UKAS Quality Management

EN 10204 Section 3.1B (DIN 50049), Inspection Documents for the Delivery of Metallic Products