



Product: AF Flex Anchor Cryo

Application: Vacuum piping for low temperature applications requiring fixing of the inner pipe relative to the outer pipe

Description: A novel double wall pipe section that can be welded into the double wall piping arrangement, with insulated fixed support for the inner pipe to reduce heat transfer into the cryogenic liquid. The specially designed geometry on the AF Flex Anchor decreases the stress in the welding zone, eliminating the risk of fatigue failure, whilst allowing for continuous vacuum of the outer pipe. Use of the AF Flex Cryogenic Anchor in combination with AF Flex supports offers a proven, cost-effective vacuum solution for cryogenic piping arrangements, as opposed to separate static vacuum insulated piping sections. Piping analysis, installation instructions, and validated specifications including nozzle loadings, are also available.

Specification: Pressure up to 420 bar design pressure, in accordance with PN420 or ASME 16.5 #2500 Temperature from -250°C to 150°C

Dimensions: Available in most dimensions, typically 1", 1 ¼", 1 ½", 2", 3", 4", 5", 6" inner pipes
Available as slip-on, or weld-in type.

Materials: EN1.4301, EN1.4404 with 3.1 MTC.