



**Product:** AF Flex Bend

**Application:** AF Flex© Double Pipe systems where the inner pipe displacement due to contraction or expansion is greater than the specification for radial displacement of the AF Flex support.

**Description:** The AF Flex Bend accommodates extreme displacements due to thermal expansions or contractions with unique radial compensation mechanism. This allows for longer straight pipe sections, and eliminates the need for U type compensation loops in the piping system, thereby saving space and welding costs.

When applied in conjunction with the AF Flex anchor, and the AF Flex support an extremely robust double wall pipe arrangement can be designed for any routing with 100% control of the inner and outer pipes in the double wall piping arrangement. The flex compensator is delivered as pre-made double wall pipe bends

**Specification: Pressure:** Standard schedules up to ASME 16.5 #2500 , or PN420

**Temperature:** -220°C to 150°C

**Dimensions:**

Max inner pipe diameter (NPS)	Min outer pipe diameter (NPS)
1"	2 ½"
1 ¼", 1 ½"	3"
2", 2 ½"	4"

**Materials:** EN1.4401 /4, EN1.4462, EN1.4410  
Other materials & dimensions available on request