



Product: AF Slim® Double Pipe

Applications: Heat exchangers, boilers, where a good heat transfer is also required between the outer & inner surfaces. Suitable for high pressure fuel systems, where the requirement for ventilation can be eliminated. Any application requiring a compact double wall pipe, with a sealed leakage detection space.

Description: An extremely compact double wall pipe design, where the inner pipe is expanded, and fixed into the outer pipe, and the pipe spools welded together. As the inner & outer pipe are in permanent contact with each other, the difference in thermal expansion & contraction is close to zero. The inner surface of the outer pipe has a series of grooves to create leakage channels, which can be connected to a leakage detection system. The inner & outer pipe are designed according to specification requirements. Full arrangements are available with AF Slim Bends.

Dimensions:

Inner pipe, Inner diameter (mm)	Outer pipe, Outer diameter (mm)
12-16	25,4 / 26,7
17-38	60,3
38-70	88,9

Specification: CARBON STEELS

Typically according to EN10216-2 or EN10216-3 (between P195 to P690), or ASTM equivalents. For other standards, please enquire

Pressure: up to 800 bar design pressure. Standardised up to ASME 16.5 #2500 , or Pn420

Temperature: -50°C to 400°C

STAINLESS STEELS

Typically according to EN1.4401 /4, EN1.4462, EN1.4410 or ASTM equivalents. For other standards, please enquire

Pressure: Standardised up to ASME 16.5 #2500 , or PN420

Temperature: -100°C to 200°C (Stainless steel)

Patent pending