

90 Degree Long Radius Elbow

This 90-degree long radius elbow changes the direction of flow in piping systems. The fitting's design minimizes friction loss and pressure drop.



Product Overview

High-Performance Long Radius Elbow

This 90-degree long radius elbow is engineered to facilitate smooth directional changes in industrial piping systems, effectively minimizing friction loss and pressure drop. Designed for versatility and durability, it supports a wide range of pressure classes and material specifications to suit demanding environments. Whether for oil and gas, chemical processing, or water treatment, this fitting ensures reliable flow management and structural integrity.

Technical Specifications

Pressure Class / WT	SCH100, SCH120, SCH140, SCH160, XXS
Max Wall Thickness	100 mm

Material Composition

Available Materials

Category	ASTM Standards
Carbon Steel	A234-WPB, WPC
Stainless Steel	A403 WP304, WP304L, WP304H, WP316, WP316L, WP321, WP321H, WP347H, WP317
Duplex Steel	A815 S31803, 2205, S32750, S32760
Low Temp Steel	A420-WPL6, WPL3
Alloy Steel	A234-WP11, WP22, WP91

Dimensions

Seamless Size Range	DN15 (1/2") to DN900 (36")
Welded Size Range	DN450 (18") to DN2500 (100")