

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") |