

FLOW COUPLING

DESCRIPTION

The Flow Coupling is a short, heavy-walled section of tubing designed to protect critical areas of the production string from erosion, corrosion, and mechanical wear caused by high-velocity flow, sand production, or gas cutting. By reinforcing specific zones of the completion, it safeguards the tubing and prolongs service life in harsh production environments.

Flow Couplings are typically installed above or below high-turbulence components such as sliding sleeves, safety valves, or other flow-control devices, where fluid velocity and turbulence are elevated. Constructed with thicker walls than standard tubing, the coupling provides localized protection without reducing the internal bore, ensuring unrestricted production flow.

FEATURES

- Protects tubing from localized erosion, corrosion, and wear
- Commonly installed above or below downhole tools such as Sliding Side Doors or Safety Valves
- Maintains full-bore internal diameter for unrestricted flow
- Extends tubing service life and reduces workover frequency

Tubing Size in - [mm]	Max OD in - [mm]	Min ID in - [mm]	Length Range in - [mm]	Pressure Rating Psi - [Bar]
2,375 - [60,3]	3,1 - [78,74]	1,995 - [50,67]	2 - 8 - [0,6 - 2,4]	10000 - [689]
2,875 - [73]	3,55 - [90,17]	2,441 - [62]	2 - 8 - [0,6 - 2,4]	10000 - [689]
3,5 - [88,9]	3,99 - [101,35]	2,992 - [76]	2 - 8 - [0,6 - 2,4]	10000 - [689]
4,5 - [114,3]	5,2 - [132]	3,92 - [99,6]	2 - 8 - [0,6 - 2,4]	10000 - [689]
5 - [127]	5,95 - [151,13]	4,276 - [108,6]	2 - 8 - [0,6 - 2,4]	10000 - [689]
5,5 - [139,7]	6,34 - [161]	4,892 - [124,3]	2 - 8 - [0,6 - 2,4]	10000 - [689]
7 - [177,8]	7,87 - [199,9]	6,276 - [159,4]	2 - 8 - [0,6 - 2,4]	10000 - [689]

