Blast Joint/Flow Coupling

Blast Joints are used in a tubing string to cover the area across a flowing set of perforations that could cause abrasive damage to the outside of the tubing string. Flow Couplings are identical to Blast Joints, but their purpose is to minimize abrasion damage caused by flow turbulence inside of the tubing string. This type of turbulence usually occurs before and after a change in diameter within the tubing string, such as occurs across a wireline retrievable safety valve. This product is available in several different materials. As standard joints are made from high strength low alloy steel, but are also available in low alloy steels suitable for H2S service and in higher alloys for high corrosion applications. They are available with API or premium connections and can be manufactured in any length up to 20 feet (6 m).

Features

- **Reduces possibility of tubing failure due to abrasion**
- **Available in a wide variety of materials, connections, and lengths to meet the requirements of nearly any application**
- **OD is made to be compatible with the type of tubing used**
- **Full tubing drift size**

Applications

Any application in which localized wear due to abrasion of fluids, solids, or gases, either internally or externally, could potentially be a problem.

Blast Joint with API EUE Connections					
EUE Tubing Size		O.D.		Standard Lengths	
in	mm	in	mm	ft	m
2-3/8	60.3	3.061	77.7	2, 4, 6, 8, 10	0.5, 1, 2, 3
2-7/8	73.0	3.688	93.7		
3-1/2	88.9	4.500	114.3		
4-1/2	114.3	5.563	141.3		