

Expansion Joint Options

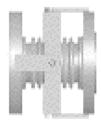
US - Unrestrained Single



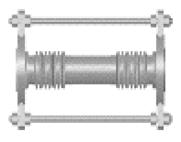
HS - Hinged Single



GS - Gimbaled Single



TU - Tied Universal



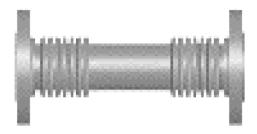
TS - Tied Single



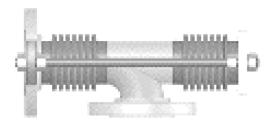
SHS – Slotted Hinged Single



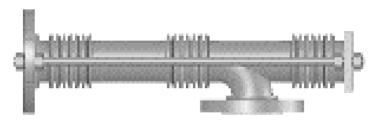
UU – Unrestrained Universal



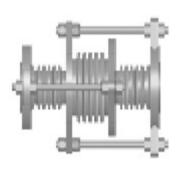
PBS - Pressure-Balanced, Elbow, Single



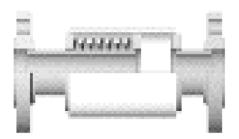
PBU – Pressure-Balanced, Elbow, Universal



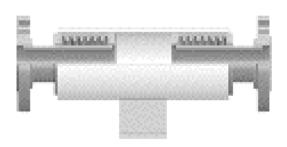
PBI – Pressure-Balanced In-Line



EPS - Externally-Pressurized Single



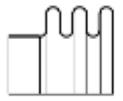
EPD – Externally-Pressurized Dual



End Connections

BB - Banded Bellows

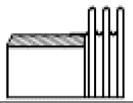
Ideal for slipping over pipe and welding in place.



WE - Welded End

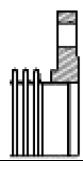
Beveled to facilitate pipe-to-pipe welding.

Most common end connection.



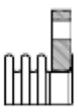
FF - Fixed Flange

Recommended for ease of replacement. Requires accurate flange hole alignment.

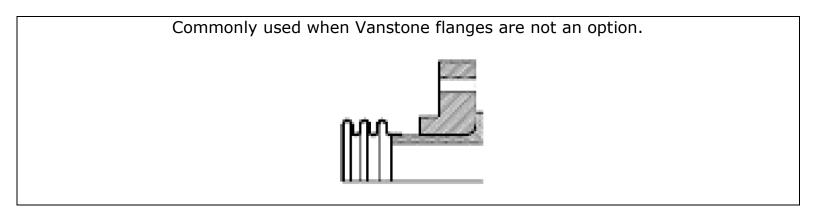


VF - Vanstone Flange

Economical solution for piping systems with misaligned bolt holes.



LJ - Lap-Joint Flange

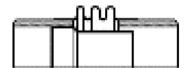


Internal Liners

SW - Single Welded Liner

Most common type of internal liner.

Maximum durability.



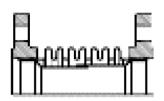
FW - Flush Welded Liner

No protrusion into flow-stream. Minimal pressure drop. Recommended for refractory-lined pipe.



TW - Telescoping Welded Liner

For large axial movements.



SD - Single Drop-in Liner

Can be removed and cleaned.



TD – Telescoping Drop-in Liner

For large axial movements. Can be removed and cleaned.

