




Expansion Joints

SIZES 2" - 12" | CL 150

The  C&C Expansion joints are flexible connectors that are a great solution to prevent piping system and equipment breakdowns by absorbing axial elongation and compression caused by temperature variance. Expansion joints isolate vibration, reduce noise, and compensate for misalignment in piping systems.



Features

- Available in BUNA, EPDM, and Viton®
- Provides sound and vibration isolation
- Absorbing axial elongation and compression
- Floating flanges for easy isolation
- Absorbs water pulsation and minimizes water hammer
- Gaskets and packings are not required

*VITON is a registered trademark of the Chemours Company FC LLC

Dimension and Allowable Movements

Size	Face to Face Dimension (In)	Allowable Motion Rating				Installation Tolerance			
		Compression (In)	Elongation (In)	Lateral(In)	Angular (Degrees)	Compression(In)	Elongation(In)	Lateral(In)	Angular (Degrees)
2"	6	1/2	3/8	1/2	15	3/16	1/8	1/4	5
2.5"	6	5/8	3/8	1/2	15	3/16	1/8	1/4	5
3"	6	5/8	3/8	1/2	15	3/16	1/8	1/4	5
4"	6	5/8	3/8	1/2	15	3/16	1/8	1/4	5
5"	6	5/8	3/8	1/2	15	3/16	1/8	1/4	5
6"	6	5/8	3/8	1/2	15	3/16	1/8	1/4	5
8"	6	3/4	3/8	1/2	15	3/16	1/8	1/4	5
10"	8	3/4	1/2	3/4	15	3/16	1/8	1/4	5
12"	8	3/4	1/2	3/4	15	3/16	1/8	1/4	5

*Warning: Do not elongate rubber expansion joints when installing for suction service. Not concurrent ratings.

Applications

- Pump & air compressors in air conditioning system & sanitary equipment
- Refrigeration systems and blowers in industrial plant equipment
- Feed-water and drainage equipment in marring piping systems
- Application for use in power generation and chemical plants
- Mud system drilling industry

Operating Conditions

Size Range	2 - 12"
Operating Pressure	214 psi
Operating Temperature Range	14 - 180°F (HNBR) 14 - 240°F (EPDM) 0 - 250°F (Viton®)
Vacuum Rating	26 Hg
Burst Pressure	850 psi