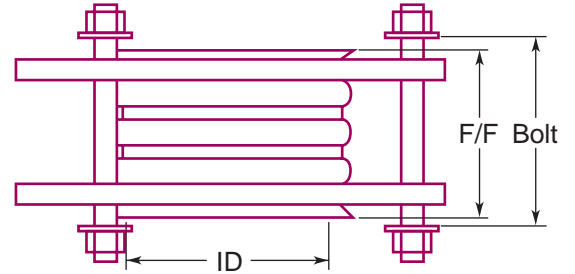


TJ-95

TEFLON EXPANSION JOINT



Offering an incredible degree of flexibility, EVR's TJ-95 expansion joint is ideal for ultra-pure environments or systems with glass or Teflon-lined piping.

Fabricated almost entirely from reinforced Teflon, the TJ-95 is non-conductive and well suited for low pressure, low temperature and corrosive chemical processes. The short face-to-face of the TJ-95 makes it suitable for even the most confining installations. Despite its light weight, it offers superb vibration and noise isolation for systems of all types.

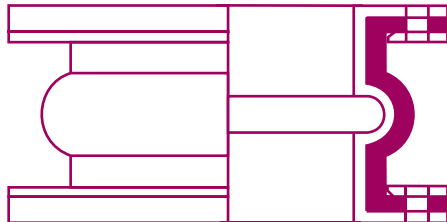
Available in two, three and five convolution designs for varying degrees of pipe movement.

ID	1	1-1/2	2	2-1/2	3	4	5	6	8
F/F Bolt	1-3/4	2	2-3/4	3-3/16	3-5/8	3-5/8	4	4	6
Axial	1/2	1/2	3/4	3/4	1	1	1	1-1/8	1-1/8
Angular	14°	14°	14°	14°	14°	14°	14°	14°	14°
Elongation									
Movement	1/2	1/2	3/4	3/4	1	1	1	1-1/8	1-1/8
Force	120	130	135	145	170	225	290	435	600
Compression									
Movement	1/2	1/2	3/4	3/4	1	1	1	1-1/8	1-1/8
Force	150	220	400	570	720	860	990	1100	1290
Transverse									
Movement	1/2	1/2	3/4	3/4	1	1	1	1-1/8	1-1/8
Force	150	155	170	200	240	300	395	560	750

Data shown is for 3 arch style. Contact EVR for data on other styles.

TE-51

TEFLON-LINED EXPANSION JOINT



Flow process machinery can generate considerable vibration that equates to excessive stress loads on adjacent equipment. In process systems with corrosive or caustic materials, conventional expansion joints materials may not be suitable. In a situation such as this EVR's Teflon-lined expansion joints, which are available with multiple arches for higher movement capabilities, is the answer.



The TE-51 joint enjoys all of the benefits and advantages of the EVR Series SJ-21 expansion joint. The carcass of the TE-51 joint can be fabricated from any of the materials in EVR's comprehensive inventory to suit the requirements of the process system. The TE-51 can be engineered and manufactured to withstand extreme temperature ranges, and can function under high pressures or strong vacuums.

The quality construction of the TE-51's leakproof Teflon sleeve, is banded to multiple layers of high strength bias-ply polyester cord, providing superior pressure ratings not available with conventional molded Teflon expansion joints.