



PTFE Lined FSF single sphere rubber expansion joints

PTFE Lined for chemical applications

By adding the PTFE lining to the inside of the rubber expansion joint, these can be used on chemical pipelines.

Allowable Movements are reduced, due to the stiffness of the PTFE.



style FSF / PTFE- add 5mm to the Free length

nominal bore	length installed mm	allowable movements from free length			pressure @ 80°C				
		free	min	max	axial mm comp	lateral mm	angular deg	positive kPa	vacuum mm H.g.
inside inches									
DN32	1 1/4	95	Add 5mm to the free length					1600	660
DN40	1 1/2	95	dimension for PTFE lining on the					1600	660
DN50	2	105	outer faces					1600	660
DN65	2 1/2	115						1600	660
DN80	3	130	To be used for vibration elimination only					1600	660
DN100	4	135						1600	660
DN125	5	170	PTFE stiffness reduces allowable					1600	660
DN150	6	180	movements					1600	660
DN200	8	205						1600	660
DN250	10	240						1600	660
DN300	12	260						1600	660
DN350	14	265						1034	660
DN400	16	265						860	660
DN450	18	265						860	660
DN500	20	265						860	660
DN600	24	265						860	660

Test pressure is 4 times the pressure rating
 PN16 rated up to size DN300, PN10 Pressure DN350 - DN600.

Rubber material options: EPDM, NBR, NEOPRENE, VITON

