



FLEXIBLE PIPE CONNECTOR- UNION TYPE



FEATURES AND BENEFITS.

Description:-

- * Inlet and outlet of fan coil units, Air Handling Units, Chillers and Condensers.
- * Air Suction and Discharge of pumps.
- * Intervals in Chilled water piping.
- * Installation of Flexible Pipe Connectors is recommended to allow for axial pipe movement due to thermal expansion or contraction, thereby protecting the building structure from damaging stress. These connectors also help to isolate the low and high frequency vibration transmitted through pipe walls.
- * Allows for both Axial and Horizontal movement.
- * Unique pressurized steel wire strand for additional safety.

TECHNICAL DATA :

- * Maximum Pressure : 250 PSI / 17 bar
- * Burst Pressure : 650 PSI / 45 bar
- * Temperature Resistance : From -15 °C to +115 °C
- * Working Media : Water, Compressed Air, Oil, Weak Acids/ Alkalines
- * Vacuum : 700 mm Hg
- * Standards : Testing as per BS5150 : 1974

CONSTRUCTION FEATURES :

- Bellow : Neoprene / EPDM
- Reinforcement : Nylon cord fabric
- Pressurized Ring : Steel Wire Strand
- Flanges : Forged Steel, Threaded to BS 21. NPT on request.
- : Epoxy powder coated for corrosion resistance.
- : Floating triangular thread design.

Product Code	Nominal Pipe Size		Pipe OD (D)	Length (L)	Elongation	Compression	Deflection Angle
	In.	mm	mm	mm	mm	mm	
HGFCU022	½"	DN15	21.3	155	6	22	45°
HGFCU027	¾"	DN20	26.7	155	6	22	45°
HGFCU034	1"	DN25	33.4	155	6	22	45°
HGFCU042	1 ¼"	DN32	42.1	155	6	22	45°
HGFCU048	1 ½"	DN40	48.2	175	6	22	45°
HGFCU060	2"	DN50	60.3	175	6	22	45°
HGFCU073	2 ½"	DN65	73	240	10	24	45°

