

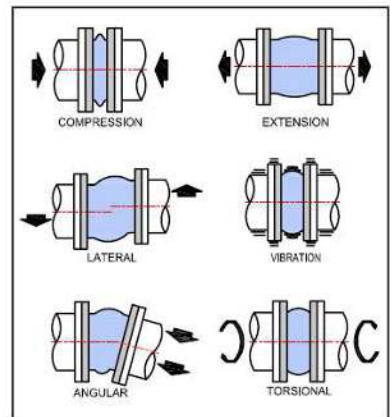
Tubular REJ with Fixed Flanges & Single Arch

Style TISA

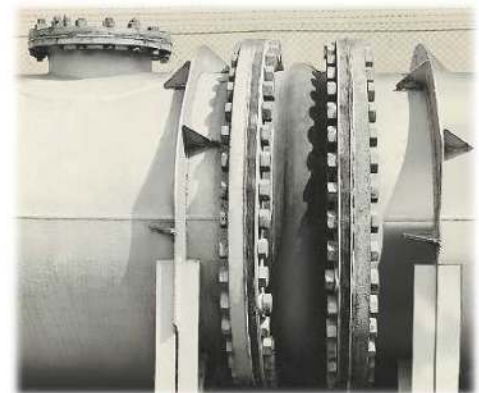
SUPERIOR



- ★ Low deformation under pressure
- ★ Greater recovery from movement
- ★ Higher safety factor
- ★ Resistant to fatigue
- ★ Negligible loss of head
- ★ Abrasion, Water, Heat, Chemical, Weather resistant
- ★ Prevents electrolytic corrosion
- ★ Economical - No Gaskets - ease of installation
- ★ Compact - requires very little space



56 Nos. 1200 mm RE Joint installed at Bhabha Research Centre in 1980



REJ 430 TISA SEP 11

RMS
CORPORATION

RESISTOFLEX
SINCE 1947
Rubber Expansion Joints



**SUPERIOR
100% EPDM**



CONSTRUCTION

S.No.	COMPONENT	MATERIAL
1	Outer Rubber	Synthetic Rubber
2	Inner Rubber	Synthetic Rubber
3	Reinforcement	Synthetic Cord
4	Flanges	Mild Steel
Applications	Standard	Water, Sea Water, Acid, Alkali, Compressed Air etc.
	Optional	Oils, Hydraulic Oil, Hot Water

DESIGN CONDITIONS

TYPE		PN 2.5	PN 10	PN 16	PN 25
Maxm. Working Pressure	Kgf/cm ²	2.5	10	16	25
Test Pressure	Kgf/cm ²	3.8	15	24	38
Vacuum	mm of Hg	250	400	650	750
Flange Drillings	Standard	IS 6392	BS 10 D	BS 10 E	IS 6392
	Optional	ASME B16.5/BS 4504/ISO 7005/EN 1092			
Temperature	-10° to +70° C (Optional -20° to +115° C)				

1 bar = 1 Mpa = 1 Kg/cm² = 14.5 psi

TECHNICAL CHARACTERISTICS

CODE	DIMENSIONS		MAXIMUM ALLOWABLE MOVEMENTS (Not Simultaneous)				
	NOMINAL BORE	NEUTRAL LENGTH	AXIAL COMPRESSION	AXIAL ELONGATION	TRANSVERSE	TORSIONAL	ANGULAR
	NB (mm)	NL (mm)	(mm)	(mm)	(mm)	(Deg.)	(Deg.)
REJ-TISA-0020	20	125/150	11	6	12	3	14.5°
REJ-TISA-0025	25	125/150	11	6	12	3	14.5°
REJ-TISA-0032	32	150	11	6	12	3	14.5°
REJ-TISA-0040	40	150	11	6	12	3	14.5°
REJ-TISA-0050	50	150	11	6	12	3	14.5°
REJ-TISA-0065	65	150	11	6	12	3	10°
REJ-TISA-0080	80	150	11	6	12	3	10°
REJ-TISA-0100	100	150	11	6	12	3	7.5°
REJ-TISA-0125	125	150	11	6	12	3	5°
REJ-TISA-0150	150	150	11	6	12	3	5°
REJ-TISA-0200	200	150	17	9	12	3	5°
REJ-TISA-0250	250	200	17	9	12	3	4°
REJ-TISA-0300	300	200	17	9	12	3	3°
REJ-TISA-0350	350	200	17	9	12	2	2.5°
REJ-TISA-0400	400	200	17	9	12	2	2.5°
REJ-TISA-0450	450	200	17	9	12	1	2.5°
REJ-TISA-0500	500	200	20	11	12	1	2.5°
REJ-TISA-0550	550	250	20	11	12	1	2°
REJ-TISA-0600	600	250	20	11	12	1	2°

Consult Resistoflex for special sizes, end connections, handling medium, operating Conditions
In the interest of continual development and improvement, the company reserves the right to make modifications to these details without notice