

CONSTRUCTION			
S.NO	COMPONENT	MATERIAL	
1	Outer / Inner Rubber	Standard	EPDM
		Optional	NR, CR, NBR
2	Fabric Reinforcement	Synthetic cord	
3	Girdle	Steel Cable	
4	Flanges	Mild steel	

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	25	38
Vacuum	mm of Hg	250	400	650	750
Flange Drillings	Standard	IS 6392	BS 10 'D'	BS 10 'E'	-
	Optional	ASME B 16.5 / BS 4504 / ISO 7005 / EN 1092			
Temperature	Standard	-10° to +70°C			
	Optional	-20° to 115°C			
Applications	Standard	Air, Compressed Air, Water, Sea Water, Acid, Alkali etc.			
	Optional	Oils, Hydraulic Oil, Hot Water			

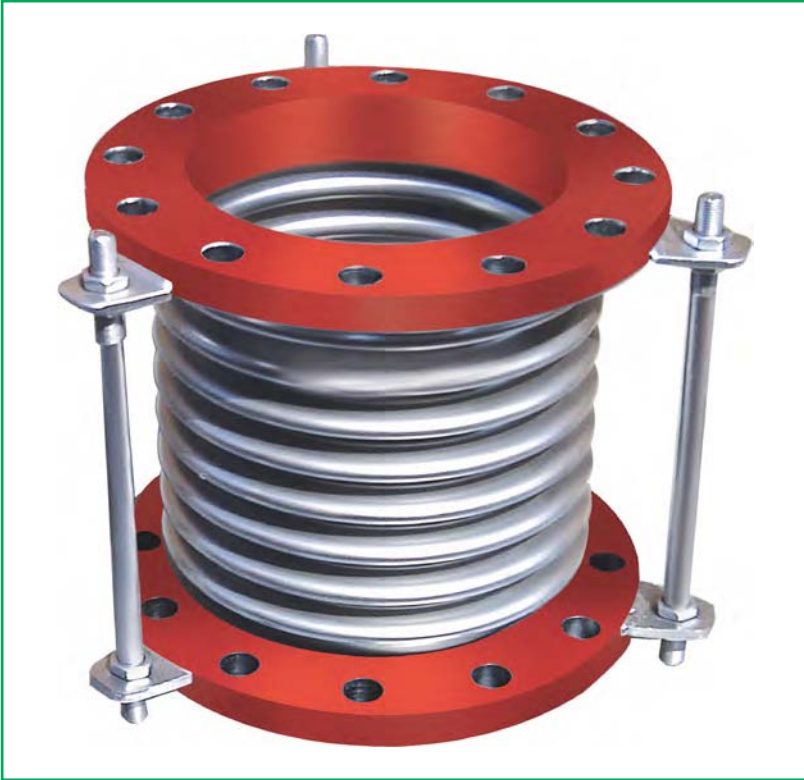
1 bar = 1 Mpa = 1 Kg/cm² = 14.5 psi

TECHNICAL CHARACTERISTICS						
Code	NOMINAL BORE	NATURAL LENGTH	MAXIMUM ALLOWABLE MOVEMENTS (NOT SIMULTANEOUS)			
	NB	NL	COMPRESSION	ELONGATION	LATERAL	ANGULAR
	(mm)	(mm)	(mm)	(mm)	(mm)	(Deg.)
REJ-SRSA-020	20	150	8	5	8	15°
REJ-SRSA-025	25	150	8	5	8	
REJ-SRSA-032	32	150	9	6	9	
REJ-SRSA-040	40	150	10	6	9	
REJ-SRSA-050	50	150	10	7	10	
REJ-SRSA-065	65	150	13	7	11	
REJ-SRSA-080	80	150	15	8	12	
REJ-SRSA-100	100	150	19	10	13	15°
REJ-SRSA-125	125	150	19	12	13	
REJ-SRSA-150	150	150	20	12	14	15°
REJ-SRSA-200	200	150	25	16	22	
REJ-SRSA-250	250	200	25	16	22	15°
REJ-SRSA-300	300	200				
REJ-SRSA-350	350	200				
REJ-SRSA-400	400	200				
REJ-SRSA-450	450	200				
REJ-SRSA-500	500	200				
REJ-SRSA-600	600	250	25	16	22	15°
REJ-SRSA-700	700	250				
REJ-SRSA-800	800	250				
REJ-SRSA-900	900	250				
REJ-SRSA-1000	1000	250				

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

Metal Expansion Joints with Floating Flanges

Style RMEJ-FF



DESIGN

A moulded Rubber Bellow that combines elastic properties of rubber with textile reinforcements and integrated with alignable Floating Steel Flanges to provide a flexible pipe joint.

APPLICATIONS

For use in Water Lines & HVAC systems in:

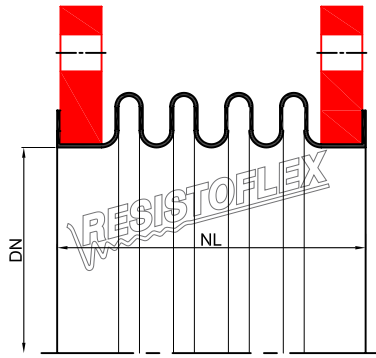
- RESIDENTIAL HOUSES
- COMMERCIAL BUILDINGS
- INDUSTRIAL PLANTS/ PREMISES
- SEWAGE TREATMENT PLANTS
- CHEMICAL PLANTS
- POWER PLANTS
- MARINE SYSTEMS

ADVANTAGES

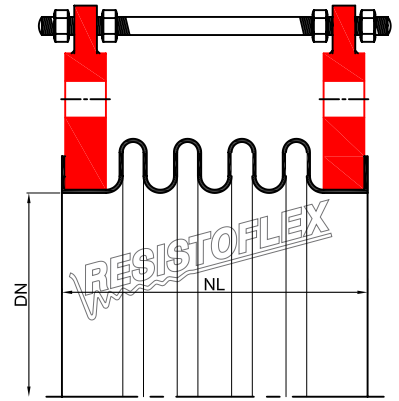
- WIDE FLOWING ARCH. VIRTUALLY ELIMINATES SEDIMENT BUILD UP
- FLOATING FLANGE EASES INSTALLATION
- COMPENSATES FOR AXIAL MOVEMENTS DUE TO THERMAL CHANGES & MISALIGNMENT
- COMPENSATES FOR LATERAL, TORSIONAL AND ANGULAR MOVEMENTS
- ISOLATES VIBRATIONS, DAMPENS NOISE AND PRESSURE SURGES
- SUITABLE FOR SUCTION AND DISCHARGE

EVERY JOINT IS TESTED FOR PRESSURE & VACUUM

for durability, long life & trouble free service



MEJ for anchored / guided pipelines



MEJ with Control Units for other lines

CONSTRUCTION

S.No.	Parts	MATERIAL	STANDARD	OPTIONAL
1	Flange	Carbon Steel	IS 2062	SS 304 / 316
2	Bellows	Stainless Steel	SS 304	SS 316
3	Sleeve (optional)	Stainless Steel	SS 304	SS 316
4	Control Units (optional)	Carbon Steel	IS 2062	SS 304 / 316
Application		Lines of water, compressed oil, steam, oil, chemicals etc.		
Medium		Water, Steam, Turbines, Fuel Oil, Gas, Air etc.		

DESIGN CONDITIONS

TYPE		PN 10	PN 16	PN 25
Maxm. Working Pressure	Kgf/cm ²	10	16	25
Test Pressure	Kgf/cm ²	15	24	38
Flange Drillings	Standard	BS 10 D	BS 10 E	IS 6392
	Optional	ASME B16.5 / BS 4504 / ISO 7005 / ES 1092		
Temperature	-30° C to +250° C			

* Control Units Recommended 1 bar = 1 Mpa = 1 Kg/cm² = 14.5 psi

TECHNICAL CHARACTERISTICS

CODE	NOMINAL BORE DN (mm)	NATURAL LENGTH NL (mm)	AXIAL MOVEMENT (mm)	LATERAL MOVEMENT (mm)	WORKING PRESSURE (kgf/cm ²)
RMEJ - FF 020	020	125	±10	±8	10 / 16 / 25
RMEJ - FF 025	025	125	±10	±8	10 / 16 / 25
RMEJ - FF 032	032	150	±10	±8	10 / 16 / 25
RMEJ - FF 040	040	150	±10	±8	10 / 16 / 25
RMEJ - FF 050	050	150	±10	±8	10 / 16 / 25
RMEJ - FF 065	065	150	±10	±8	10 / 16 / 25
RMEJ - FF 080	080	150	±10	±8	10 / 16 / 25
RMEJ - FF 100	100	150	±10	±8	10 / 16 / 25
RMEJ - FF 125	125	150	±10	±8	10 / 16 / 25
RMEJ - FF 150	150	150	±10	±8	10 / 16 / 25
RMEJ - FF 200	200	150	±10	±8	10 / 16 / 25
RMEJ - FF 250	250	200	±10	±8	10 / 16 / 25
RMEJ - FF 300	300	200	±10	±8	10 / 16 / 25
RMEJ - FF 350	350	200	±10	±8	10 / 16 / 25
RMEJ - FF 400	400	200	±10	±8	10 / 16 / 25
RMEJ - FF 450	450	200	±10	±8	10 / 16 / 25
RMEJ - FF 500	500	200	±10	±8	10 / 16 / 25
RMEJ - FF 600	600	250	±10	±8	10 / 16 / 25

• Suffix CU for RMEJ with Control Units • Consult Resistoflex for special sizes, end connections, conveying medium, operating Conditions