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RUBBER EXPANSION JOINTS

- Protects Piping, Pumps, and other Mechanical Equipment from Pressure



- Thermal Expansion Compensation
- Noise Reduction
- Vibration Absorption / Isolation

- Allows for Lateral Offset and Movement
- Relieves Stress on Mechanical Equipment and Pumps
- Compensates for Misalignment in Piping
- Eliminates Occurrence of Galvanic Corrosion When Used as Connector in

CONFIGURATION / CONSTRUCTION

DESCRIPTION	STANDARD MATERIALS
FLOATING FLANGES, 125# / 150# Drillings	Plated CARBON STEEL
OUTER COVER - High Pressure Molded	NEOPRENE (N) or EPDM (E) Elastomers
LAMINAR REINFORCING	NYLON
REINFORCING CORD	High Tensile Strength FIBER
INNER TUBE - High Pressure Molded	NEOPRENE(N) or EPDM (E) Elastomers

CUSTOM COVER / TUBE ELASTOMERS

CODE	COVER	TUBE	MAX. OPERATING TEMP., °F.
CC	CHLOROBUTYL	CHLOROBUTYL	250
ET	EPDM	TEFLON®	265
HH	HYPALON®	HYPALON®	230
NI	NEOPRENE	FDA-NITRILE	230
NH	NEOPRENE	HYPALON®	230
NT	NEOPRENE	TEFLON®	230

Hypalon® and Teflon® are registered trademarks of Dupont Dow Elastomers and the DuPont Company, respectively.

EPDM/EPDM (EE) rubber expansion joints are recommended for hot water applications with maximum operating temperatures not exceeding 300 degrees F., and pressure not exceeding 15 psi.

Rubber expansion joints with Teflon® inner tubes are not recommended for vacuum service.

The Duraflex, Inc.™ Benefit

Our Single Sphere Rubber Expansion Joint has a Softer Spring Rate than other Rubber EJs thus Reducing the Thrust Load and Stress on Anchors, Piping, Pumps, and other Mechanical Equipment.

Toll Free: 877-462-1007

Fax: 847-462-1450

24/7 Emergency Service: 847-337-9459

www.duraflexinc.com



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765 Industrial Drive

Cary, IL 60013

Em: duraflex@duraflexinc.com

EPDM & NEOPRENE SINGLE SPHERE



- Most Items in Stock for Same Day Shipment
- Custom Materials and Sizes Available
- Design, Engineering and Failure Analysis Available

I.D.	O.D.	Approx Wt. (lbs)
1"	6"	5.0
1 1/4"	6"	5.0
1 1/2"	6"	6.1
2"	6"	8.9
2 1/2"	6"	12.3
3"	6"	14.0
4"	6"	18.3
5"	6"	22.8
6"	6"	26.8
8"	6"	40.6
10"	8"	56.6
12"	8"	83.0
14"	8"	115.0
16"	8"	165.0
18"	8"	168.0
20"	8"	170.0

EPDM & NEOPRENE TWIN SPHERE

I.D.	O.D.	Approx Wt. (lbs)
1 1/4"	7"	5.0
1 1/2"	7"	6.1
2"	7"	8.9
2 1/2"	7"	12.3
3"	7"	14.0
4"	9"	18.3
5"	9"	22.8
6"	9"	26.8
8"	13"	40.6
10"	13"	56.6
12"	13"	83.0
14"	13 3/4"	115.0
16"	13 3/4"	165.0
18"	13 3/4"	168.0
20"	13 3/4"	170.0



- Competitor Cross Referencing Available
- Metallurgical & Chemical Media Analysis Available

The use of control rods is recommended in applications where pipe expansion or contraction may intermittently exceed the design capacity of the expansion joint.

QUALITY SERVICE DELIVERY

RUBBER EXPANSION JOINTS

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