



250°

MIGHTYSPHERE™ PUMP CONNECTOR

Protect your pumps and reduce noise and vibration with the new, **MightySphere™ High Temperature**, expansion joint/pump connector from Metraflex

The new Metraflex MightySphere™ High Temperature pump connector incorporates a rugged, long-lasting material which provides years of trouble-free operation at high temperature.

A durable joint for piping systems reaching temperatures up to 250°F (121°C), the Metraflex MightySphere™ joint differs from standard EPDM expansion joints by **integrating Kevlar® cording and peroxide-cured EPDM**. It is perfect for high-temp applications requiring modest pipe movement/ expansion at higher temperatures.

An anchor wire, fully-wrapped with Kevlar® cording material, ensures a positive seal between the body and the floating flange.

Available in single and doublesphere styles.

- Kevlar® reinforced, peroxide-cured EPDM rubber greatly enhances tolerance to high temperatures
- Anchor wire wrapped with Kevlar® cording material ensures a positive seal between the body and the floating flange
- Reduces noise and vibration
- Isolates and protects the pump

Single MightySphere™ Data

Joint Size ID (in)	Face-To-Face (in)	Pressure vs Temperature					Movement Capability			
		170°F	190°F	210°F	230°	250°F	Compression	Elongation	Lateral	Angular (degrees)
2	6	250	245	235	225	215	1/2	3/8	1/2	15
2-1/2	6	250	245	235	225	215	1/2	3/8	1/2	15
3	6	250	245	235	225	215	1/2	3/8	1/2	15
4	6	250	245	235	225	215	5/8	3/8	1/2	15
5	6	250	245	235	225	215	5/8	3/8	1/2	15
6	6	250	245	235	225	215	5/8	3/8	1/2	15
8	6	250	245	235	225	215	5/8	3/8	1/2	15
10	8	250	245	235	225	215	3/4	1/2	3/4	15
12	8	250	245	235	225	215	3/4	1/2	3/4	15

Metraflex
for pipes in motion

The Metraflex Company • 2323 W. Hubbard • Chicago, IL 60612 • 312-738-3800 • 312-738-0415 • www.metraflex.com