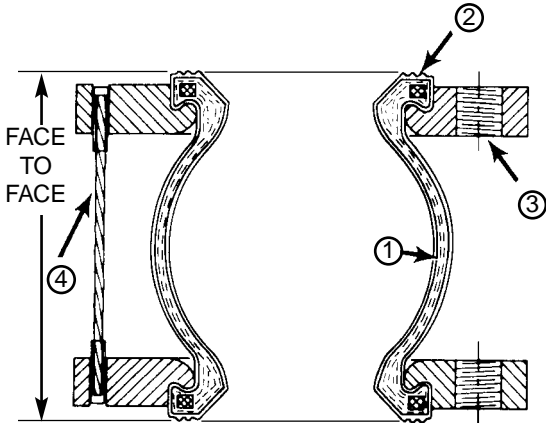


ULTRASPHERE WITH CABLES

This flexible joint should be installed the length shown on drawing. Not intended for torsion. Cables are designed to allow full extension of the joint. Cables require no adjustment and should not be removed.



MATERIALS OF CONSTRUCTION		
ITEM	NAME	STANDARD MATERIAL
1	Body	Neoprene or EPDM*
2	Wire	Steel
3	Flange	Plate Steel
4	Cable	Galvanized Steel Aircraft Cable

* Other materials available

MAXIMUM WORKING TEMPERATURE: 240° F.

MOVEMENT CAPABILITY AND FORCES															
					AXIAL				DEFLECTION						
Qty.	Size I.D. (In.)	F/F (In.)	Pressure P.S.I.G.	Vacuum (In.Hg.)	Comp. (In.)	Approx. Force (Lbs.)	Elong. (In.)	Approx. Force (Lbs.)	Lateral (In.)	Approx. Force (Lbs.)	Angular (Degrees)	Weight (Lbs.)	No. Cables	No. Bolt Holes	Thread Size
	2	6	225	16	1/2	55	3/8	73	1/2	55	15	8	2	4	5/8-11NC
	2-1/2	6	225	16	1/2	102	3/8	68	1/2	97	15	13	2	4	5/8-11NC
	3	6	225	16	1/2	136	3/8	115	1/2	108	15	14	2	4	5/8-11NC
	4	6	225	16	5/8	145	3/8	242	1/2	275	15	18	2	8	5/8-11NC
	5	6	225	16	5/8	172	3/8	296	1/2	308	15	23	2	8	3/4-10NC
	6	6	225	16	5/8	293	3/8	563	1/2	484	15	28	2	8	3/4-10NC
	8	6	225	16	5/8	372	1/2	587	1/2	688	15	40	4	8	3/4-10NC
	10	8	225	16	3/4	398	1/2	455	3/4	781	15	68	4	12	7/8-9NC
	12	8	225	16	3/4	390	1/2	356	3/4	842	15	96	4	12	7/8-9NC

CUSTOMER _____

PROJECT _____

ENGINEER _____

CONTRACTOR _____

P.O. NO _____

FLEXICRAFT

"Flexible Solutions For Piping Systems"

DESCRIPTION:

**ULTRASPHERE WITH CABLES
SPHERICAL EXPANSION JOINT**

DRAWN BY:
P.B.

DATE:
7-2-01

DRAWING NO:
USC