



MAXIMUM WORKING TEMPERATURE 230°F

**LEAD FREE**

The wetted surface of this product contacted by consumable water contains less than one quarter of one percent (0.25%) of lead by weight. Material complies with state codes and standards, where applicable, requiring reduced lead content.

**Notes:**

For installation instructions go to [www.metroflex.com](http://www.metroflex.com). Joint must be installed at its neutral length, and the bolts properly torqued.

Not suitable for steam or vacuum applications. If connecting pipe is not anchored and guided, control units must be used.

TO BE FURNISHED WITH CONTROL UNITS:

YES

NO

ITEM	PART NAME	MATERIAL
1	COVER	EPDM
2	TUBE	EPDM
3	RETAINING RING	DUCTILE IRON

MOVEMENT CAPABILITY AND FORCES

Qty	Part Number	Size I.D. (in)	F/F (in)	Pressure (PSI)	AXIAL				DEFLECTION			Weight (lbs)
					Comp. (in)	Approx Force (lbs)	Elong. (in)	Approx Force (lbs)	Lateral (in)	Approx Force (lbs)	Angular (Degrees)	
	711EE0200	2	6	150	1.75	220	0.75	120	0.75	160	35	5.5
	711EE0250	2.5	6	150	1.75	280	0.75	150	0.75	170	30	7.5
	711EE0300	3	6	150	1.75	330	0.75	180	0.75	190	30	8.5
	711EE0400	4	6	150	1.75	450	0.75	250	0.75	210	25	10
	711EE0500	5	6	150	1.75	550	0.75	310	0.75	250	25	12.5
	711EE0600	6	6	150	1.75	670	0.75	370	1	370	20	16.5
	711EE0800	8	6	150	1.75	740	0.75	410	1	450	20	22
	711EE1000	10	8	150	1.75	930	0.75	520	1	480	15	34
	711EE1200	12	8	150	1.75	970	0.75	550	1	570	15	45
	711EE1400	14	8	130	2	1190	0.875	670	1.125	750	12	55
	711EE1600	16	8	110	2	1270	0.875	720	1.125	870	12	64
	711EE1800	18	8	110	2	1430	0.875	810	1.125	960	9	71
	711EE2000	20	8	110	2	1590	0.875	900	1.125	1070	9	82
	711EE2400	24	10	100	2.25	2140	1	1240	1.125	1150	9	102
	711EE3000	30	10	100	2.25	2700	1	1565	1.125	1451	6	140
	711EE3600	36	10	90	2.25	3300	1	1912	1.125	1773	5	190

PROJECT INFO

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CUSTOMER: \_\_\_\_\_

PROJECT: \_\_\_\_\_

ENGINEER: \_\_\_\_\_

REV.	DATE
2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM	
<b>STYLE 711 WIDE ARCH</b> <b>EPDM SPHERICAL CONNECTOR</b>	
DRAWN BY: DKISH	DATE: 1/20/2014
APPROVED: JC	DATE: 1/20/2014
SCALE: NONE	DRAWING NUMBER: 711EE