



MAXIMUM WORKING TEMPERATURE 225°F

**NSF-372 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. If connecting pipe is not anchored and guided, control units must be used. Multiple arches are available. Contact factory for details. Not suitable for steam applications.

TO BE FURNISHED WITH CONTROL UNITS:

YES       NO

ITEM	PART NAME	MATERIAL
1	COVER	NYLON
2	TUBE	BUTYL
3	WIRE	STEEL
4	RETAINING RING	CARBON STEEL

\*Contact factory for other elastomers.

MOVEMENT CAPABILITY AND FORCES

Qty	Part Number	Size I.D. (in)	F/F (in)	Pressure (PSI)	Vacuum (in Hg)	AXIAL				DEFLECTION			Weight (lbs)
						Comp. (in)	Force* (lbs)	Elong. (in)	Force* (lbs)	Lateral (in)	Force* (lbs)	Angular (Degrees)	
	100HT0200	2	6	165	26	0.4375	185	0.25	138	0.5	350	19	8
	100HT0250	2.5	6	165	26	0.4375	232	0.25	172	0.5	381	15	10
	100HT0300	3	6	165	26	0.4375	278	0.25	207	0.5	412	13	11
	100HT0400	4	6	165	26	0.4375	371	0.25	276	0.5	476	10	15
	100HT0500	5	6	140	26	0.4375	463	0.25	344	0.5	546	8	17
	100HT0600	6	6	140	26	0.4375	556	0.25	413	0.5	617	6	20
	100HT0800	8	6	140	26	0.6875	971	0.375	689	0.5	753	6	28
	100HT1000	10	8	140	26	0.6875	1214	0.375	861	0.5	809	5	38
	100HT1200	12	8	140	26	0.6875	1456	0.375	1033	0.5	948	5	53
	100HT1400	14	8	85	15	0.6875	1274	0.375	904	0.5	1117	4	67
	100HT1600	16	8	65	15	0.6875	1456	0.375	1033	0.5	1286	4	81
	100HT1800	18	8	65	15	0.6875	1638	0.375	1163	0.5	1420	3	88
	100HT2000	20	8	65	15	0.8125	2152	0.4375	1505	0.5	1588	3	102
	100HT2400	24	10	65	15	0.8125	2582	0.4375	1807	0.5	1706	3	128

\*Forces are approximate.

PROJECT INFO

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

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

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

REV. 1	VACUUM COLUMN ADDED	DATE 11/11/2014
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**Metroflex**  
for pipes in motion

2323 W. HUBBARD ST.  
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FAX: 312-738-0415  
WWW.METRAFLEX.COM

**STYLE 100HT**  
SPOOL TYPE CONNECTOR

DRAWN BY: <b>DKISH</b>	DATE: <b>11/5/2014</b>
APPROVED: <b>JC</b>	DATE: <b>11/5/2014</b>
SCALE: <b>NONE</b>	DRAWING NUMBER: <b>100HT-1</b>