



MAXIMUM WORKING TEMPERATURE 225°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.metraflex.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	NYLON
2	TUBE	BUTYL
3	WIRE	STEEL
4	RETAINING RING	CARBON STEEL

*Contact factory for other elastomers.

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

MULTIPLE ARCHES AVAILABLE. CONTACT FACTORY.

PROJECT INFO

CUSTOMER: _____

PROJECT: _____

ENGINEER: _____

REV.	DATE
2323 W. HUBBARD ST. CHICAGO, IL 60612 TEL: 312-738-3800 FAX: 312-738-0415 WWW.METRAFLEX.COM	
STYLE 100HT SPOOL TYPE CONNECTOR	
DRAWN BY: DKISH	DATE: 11/5/2014
APPROVED: JC	DATE: 11/5/2014
SCALE: NONE	DRAWING NUMBER: 100HT