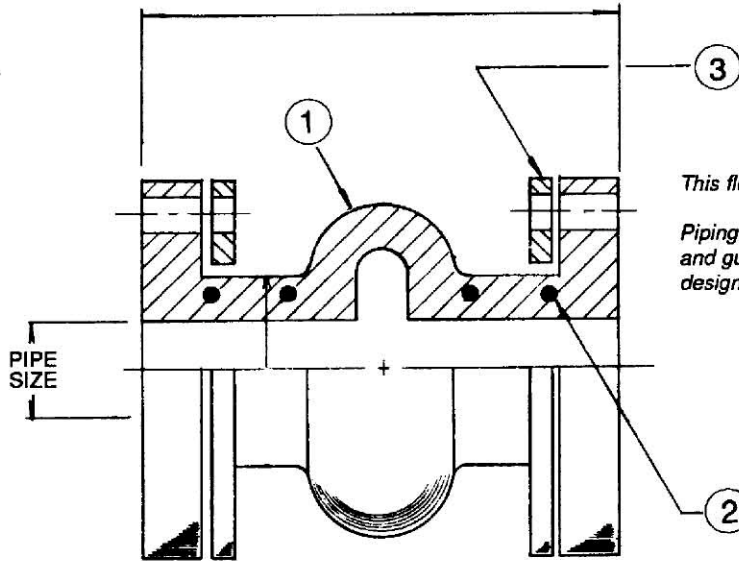


**STYLE 100HT
SPOOL TYPE
150# FLANGED**



This flexible joint should be installed the length shown on drawing.

Piping and equipment connected by this flexible joint must be anchored and guided. If not, control units must be used to prevent movement past design limits. Not intended for torsion.

ITEM	NAME	MATERIAL
1	BODY	BUTYL & NYLON
2	WIRE	STEEL
3	RETAINING RING	CARBON STEEL

MAXIMUM WORKING TEMPERATURE: 235° F.

TO BE FURNISHED WITH CONTROL UNITS YES NO

**MULTIPLE ARCHES AVAILABLE. CONTACT FACTORY.*

MOVEMENT CAPABILITY AND FORCES													
Qty.	Size I.D. (In.)	F/F (In.)	Pressure P.S.I.G.	Vacuum (In. Hg.)	AXIAL				DEFLECTION				Notes
					Comp. (In.)	Force (Lbs.)	Elong. (In.)	Force (Lbs.)	Lateral (In.)	Force (Lbs.)	Angular (Degrees)	Weight (Lbs.)	
	2	6	165	26	7/16	185	1/4	138	1/2	350	19	8	
	2-1/2	6	165	26	7/16	232	1/4	172	1/2	381	15	10	
	3	6	165	26	7/16	278	1/4	207	1/2	412	13	11	
	4	6	165	26	7/16	371	1/4	276	1/2	476	10	15	
	5	6	140	26	7/16	463	1/4	344	1/2	546	8	17	
	6	6	140	26	7/16	556	1/4	413	1/2	617	6	20	
	8	6	140	26	11/16	971	3/8	689	1/2	753	6	28	
	10	8	140	26	11/16	1214	3/8	861	1/2	809	5	38	
	12	8	140	26	11/16	1456	3/8	1033	1/2	948	5	53	
	14	8	85	15	11/16	1274	3/8	904	1/2	1117	4	67	
	16	8	65	15	11/16	1456	3/8	1033	1/2	1286	4	81	
	18	8	65	15	11/16	1638	3/8	1163	1/2	1420	3	88	
	20	8	65	15	13/16	2152	7/16	1505	1/2	1588	3	102	
	24	10	65	15	13/16	2582	7/16	1807	1/2	1706	3	128	

CUSTOMER _____	the Metraflex® company CHICAGO ILLINOIS	
PROJECT _____		
ENGINEER _____	DESCRIPTION: STYLE 100HT SPOOL TYPE EXPANSION JOINT	
ARCHITECT _____	DRAWN BY: BP	DATE: 5/15/07
PRO OR P.O. NO. _____	DRAWING NO: 100HT-R1	