

Expansion Joint Database: FLEXPATH.DAT

Pressure	Style	Convolution Material	# Convolutions	"To" End Type	"From" End Type
25	Untied	304SS	4	WELDED	WELDED
50	Tied	316SS	6	SLIPON	SLIPON
150	Hinged	600Inc	8	w/N	w/N
300	Gimbal	625In	10	Plate	Plate
	U-UNIV		12		
	T-UNIV		14		
			16		
			18		
			20		

Temperature	Liner	Cover
800	None	None
	Std	Std
	Heavy	Heavy

OK Cancel

Expansion Joint Modeler

Expansion Joint type = TIED UNIVERSAL

Proposed Model:		Length	Weight	Type
From	To	in.	lb.	
7070	7071	3.250	344.425	Rigid end piece
7071	7072	3.500	0.000	Bellows Element
7072	7073	10.000	52.000	Center Spool
7073	7074	3.500	0.000	Bellows Element
7074	7075	3.250	344.425	Rigid end piece
7070	7076	23.500	0.000	Tie-bars
7075	7088	19.417	0.000	Std. Pipe

Bellows Catalog Data

Direction	As-Tested Stiffness lb./in.	Adjusted Stiffness lb./in.	Allowed Movement in.
Axial	10217	11173	0.600
Lateral	368226	402680	0.040
Angular	6561	7175	4.010
Torsional	2864990	3133063	0.032

Build Cancel