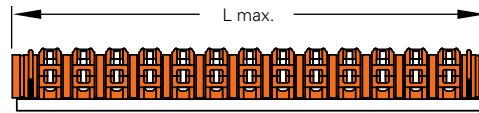
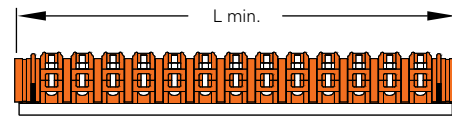
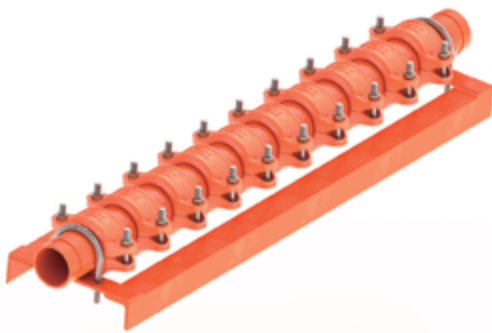


Model

651 Expansion Joint

The Model 651 Expansion Joint is a combination of couplings and specially machined pipe nipples that are joined in a series to accommodate the expansion and contraction of a piping system. Standard units are comprised of either Model 7705 or Model 7707 flexible couplings and cut grooved Sch. 40 pipe nipples. Customized

units are also available. The components are epoxy coated (RAL3000 red) for ease of use and longer life. The Model 651 is designed only for use on straight pipe runs and require independent supports and or guides to prevent deflection.



Nominal Size	Pipe O.D.	Couplings (Standard Units †)	Max. Working Pressure (CWP)*	Max. Movement	L - (ref.) §		Weight
					Min. (Compressed)	Max. (Expanded)	
in	in	Model No.	PSI	in	in	in	Lbs
mm	mm	No.	Bar	mm	mm	mm	Kgs
1½	1.900	7705 or 7707	350	2.91	28.25	31.18	24.2
40	48.3	10	24	74	718	792	11.0
2	2.375	7705 or 7707	350	3.11	28.25	31.38	27.0
50	60.3	10	24	79	718	797	12.2
2½	2.875	7705 or 7707	350	3.11	28.25	31.38	36.0
65	73.0	10	24	79	718	797	16.3
76.1 mm	3.000	7705 or 7707	350	3.11	28.25	31.38	36.0
	76.1	10	24	79	718	797	16.3
3	3.500	7705 or 7707	350	3.11	28.25	31.38	46.0
80	88.9	10	24	79	718	797	20.9
4	4.500	7705 or 7707	350	2.09	26.50	28.58	36.5
100	114.3	7	24	53	673	726	16.6
133.0 mm	5.250	7705 or 7707	350	2.09	26.50	28.58	72.0
	133.0	7	24	53	673	726	32.7
165.1 mm	6.500	7705 or 7707	350	2.09	26.26	28.35	58.1
	165.1	7	24	53	667	720	26.4
6	6.625	7705 or 7707	350	2.09	26.26	28.35	91.1
150	168.3	7	24	53	667	720	41.4
8	8.625	7705 or 7707	350	1.93	28.50	30.43	159.7
200	219.1	7	24	49	724	773	72.6
10	10.750	7705 or 7707	350	3.46	33.03	36.46	257.2
250	273.0	7	24	88	839	926	116.9
12	12.750	7705 or 7707	350	3.19	33.31	36.46	373.0
300	323.9	7	24	81	846	926	169.3

* Working pressure is based on connection with roll- or cut-grooved standard wall carbon steel pipe.
 † For Performance Data refer to Data Sheet C-01 for Model 7705 and Data Sheet C-02 for Model 7707.
 Note: Available with greater or less movement by adding or eliminating couplings and nipple units.
 § L - (ref.) Length dimensions may vary slightly due to tolerances.