

DURAFLEX STYLE 1000™ RUBBER EXPANSION JOINTS



The Dura-Flex Style 1000™ provides double arch movements utilizing a single low profile wide arch. Manufactured utilizing tire industry technology the Dura-Flex Style 1000™ has been designed to provide greater strength and pressure capabilities. The construction combines woven polyester fabric, reinforced with wire, to create a product with superior performance characteristics.

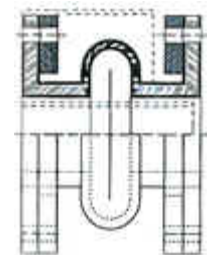
The wide self-flushing arch provides more movement than a traditional spool type joint. When built with a filled arch for smooth bore service, (such as slurry applications) the movements are the same as single open arch spool type joints. The double reinforced construction gives longer life expectancy and is also available in a full range of elastomers to enable multi-purpose applications

The Dura-Flex Style 1000™ is hand-wrapped to allow for design variations including offsets, non-standard face to face dimensions, multi-arch configurations and special flanges or drillings while still offering wide arch movement.

Our engineering staff can assist you with a direct replacement, new construction, or simply improved performance and/or life. Our experience in a wide variety of markets and industries helps us to design out problems before they occur. Please contact us so we may better understand your specific application.

When ordering Duraflex Series 1000™ be sure and include retaining rings and control rods unless these are being reused from the previous units. Optional liners and covers are also available. Private branding is available on larger orders.

Other rubber expansion joint product literature including marine and Coast Guard approved rubber expansion joints are available upon request.



HAND BUILT IN THE USA!

The Dura-Flex Style 1000™ is available in these Elastomers and construction:

- | | | |
|---------------|---------------------|-------------------------|
| • Chlorobutyl | • Neoprene | • Multi-Arch |
| • EPDM | • Nitrile | • Offset |
| • Gum | • SBR | • Special Ends |
| • Hypalon | • Silicone | • Alternative Drillings |
| | • Viton® / Flourel® | |

SERIES 1000

WIDE ARCH

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Duraflex Style 1000™ Dimensions

*For Filled Arch Expansion Joints—Multiply motions by .5

Joint Size ID	Face To Face	Flange OD	Bolt Circle Dia.	No Of Bolt Holes	Bolt Hole Dia.	Ring ID	Flg Thk	Body Thk	Internal Arch Ht	Arch Width	Arch Thk	Max PSI	Axial Comp.	Axial Ext.	Trav. Defl.	Joint Wt.	Ret. Rings	Ctrl. Units
1/2	6	3-1/2	2-3/8	4	9/16	1-1/4	1/2	7/8	1	1-3/4	3/8	225	1-3/4	3/4	3/4	1	1-1/2	6
3/4	6	3-7/8	2-3/4	4	9/16	1-5/8	1/2	7/8	1	1-3/4	3/8	225	1-3/4	3/4	3/4	1-1/2	2	6
1	6	4-1/4	3-1/8	4	5/8	1-7/8	9/16	7/8	1	1-3/4	3/8	225	1-3/4	3/4	3/4	2	2-1/4	6
1-1/4	6	4-5/8	3-1/2	4	5/8	2-1/8	9/16	7/8	1-1/8	1-3/4	7/16	225	1-3/4	3/4	3/4	2-1/2	2-1/2	6
1-1/2	6	5	3-7/8	4	5/8	2-3/8	9/16	7/8	1-1/8	1-3/4	7/16	225	1-3/4	3/4	3/4	3	3	6
2	6	6	4-3/4	4	3/4	3-1/8	9/16	29/32	1-1/4	1-3/4	1/2	225	1-3/4	3/4	3/4	4	4	7
2-1/2	6	7	5-1/2	4	3/4	4-1/8	9/16	29/32	1-1/4	1-3/4	1/2	225	1-3/4	3/4	3/4	4-1/2	5-1/2	7
3	6	7-1/2	6	4	3/4	4-5/8	9/16	29/32	1-1/4	1-3/4	1/2	225	1-3/4	3/4	3/4	5-1/2	6	7
4	6	9	7-1/2	8	3/4	5-7/8	9/16	7/8	1-1/4	1-3/4	1/2	225	1-3/4	3/4	3/4	8	7-1/2	8
5	6	10	8-1/2	8	7/8	6-7/8	9/16	7/8	1-1/4	1-3/4	1/2	225	1-3/4	3/4	3/4	9	8	8
6	6	11	9-1/2	8	7/8	7-7/8	5/8	1	1-1/4	1-3/4	1/2	225	1-3/4	3/4	1	11	9	9
8	6	13-1/2	11-3/4	8	7/8	9-7/8	3/4	1	1-1/2	1-3/4	5/8	225	1-3/4	3/4	1	15	12	12
10	8	16	14-1/4	12	1	12-1/8	3/4	1-5/32	1-1/2	1-3/4	11/16	225	1-3/4	3/4	1	23	16	16
12	8	19	17	12	1	14-1/2	3/4	1-5/32	1-1/2	1-3/4	11/16	225	1-3/4	3/4	1	34	22	16
14	8	21	18-3/4	12	1-1/8	16-1/2	7/8	1-5/32	2	1-3/4	3/4	225	1-3/4	3/4	1	40	25	20
16	8	23-1/2	21-1/4	16	1-1/8	18-1/2	7/8	1-5/32	2	1-3/4	3/4	160	1-3/4	3/4	1	47	27	20
18	8	25	22-3/4	16	1-1/4	20-1/2	7/8	1-5/32	2	1-3/4	3/4	160	1-3/4	3/4	1	56	29	21
20	8	27-1/2	25	20	1-1/4	22-5/8	1	1-5/32	2	1-3/4	25/32	130	1-3/4	3/4	1	67	35	21
22	10	29-1/2	27-1/4	20	1-3/8	24-5/8	1	1-5/32	2	1-3/4	25/32	130	1-3/4	3/4	1	70	44	32
24	10	32	29-1/2	20	1-3/8	26-5/8	1	1-5/32	2	1-3/4	25/32	130	1-3/4	1	1	79	46	32
26	10	34-1/4	31-3/4	24	1-3/8	28-7/8	1	1-3/16	2-1/4	1-3/4	13/16	110	1-3/4	1	1	100	50	32
28	10	36-1/2	34	28	1-3/8	30-7/8	1	1-3/16	2-1/4	1-3/4	13/16	110	1-3/4	1	1	102	55	32
30	10	38-3/4	36	28	1-3/8	32-7/8	1	1-3/16	2-1/4	1-3/4	13/16	95	1-3/4	1	1	117	58	32
34	10	43-3/4	40-1/2	32	1-5/8	37	1	1-3/16	2-1/4	1-3/4	13/16	95	1-3/4	1	1	122	91	43
36	10	46	42-3/4	32	1-5/8	39	1	1-3/16	2-1/4	2-1/4	13/16	90	2-1/4	1	1	143	99	43
40	10	50-3/4	47-1/4	36	1-5/8	43	1	1-3/16	2-1/4	2-1/4	13/16	90	2-1/4	1	1	173	108	43
42	12	53	49-1/2	36	1-5/8	45-1/4	1-3/16	1-1/4	2-1/2	2-1/4	29/32	90	2-1/4	1	1	193	110	44
44	12	55-1/4	51-3/4	40	1-3/4	47-1/4	1-3/16	1-1/4	2-1/2	2-1/4	29/32	90	2-1/4	1	1	198	136	44
48	12	59-1/2	56	44	1-5/8	51-1/4	1-3/16	1-1/4	2-1/2	2-1/4	29/32	90	2-1/4	1	1	211	154	87
50	12	61-3/4	58-1/4	44	1-7/8	53-1/4	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1	1	240	163	87
54	12	66-1/4	62-3/4	44	2	57-1/4	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	265	185	87
56	12	68-3/4	65	48	2	59-1/4	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	288	203	87
60	12	73	69-1/4	52	2	63-1/4	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	309	215	87
62	12	75-3/4	71-3/4	52	2	65-1/4	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	325	230	87
66	12	80	76	52	2	69-1/4	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	350	255	87
72	12	86-1/2	82-1/2	60	2	75-1/4	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	385	300	87
78	12	93	89	64	2-1/8	81-1/4	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	410	325	103
84	12	99-3/4	95-1/2	64	2-1/4	87-1/2	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	435	350	113
96	12	113-1/4	108-1/2	68	2-1/2	99-3/8	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	460	375	125
102	12	120	114-1/2	72	2-5/8	105-1/2	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	485	400	137
108	12	126-3/4	120-3/4	72	2-5/8	111-1/2	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	510	425	139
120	12	140-1/4	132-3/4	76	2-7/8	123-1/2	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	535	560	151
132	12	153-3/4	145-3/4	80	3-1/8	135-1/2	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	560	585	163
144	12	167-1/4	158-1/4	84	3-3/8	147-1/2	1-3/16	1-3/8	2-1/2	2-1/4	29/32	85	2-1/4	1-1/4	1	585	610	176

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