

MODEL

7041 FLANGE ADAPTER - PN 10 / PN 16

The **Shurjoint** Model 7041 flange adapter allows for a direct connection with PN 10/16 flanges. The two-segment design provides an easy and fast installation. 2" through 12"

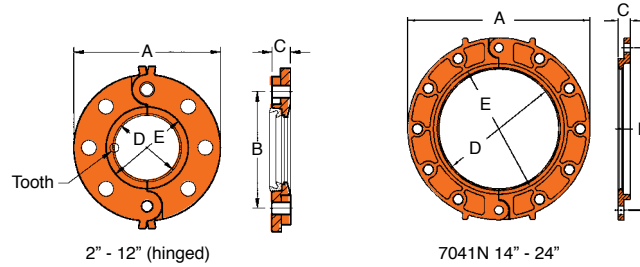
flange adapters are supplied hinged as a single assembly, while 14" - 24" (7041N) are supplied with two independent segments and a draw kit.

Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-grooved)	Max. Service Temperature
PN 16	225 psi @ 100°F 16 Bar @ 38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*Working pressure is based on roll- or cut-grooved standard wall carbon steel pipe.

*Hydrostatic Shell Test: 1.5 times the working pressure, non-shock cold water.



Nominal Size mm	Pipe O. D. mm	Max. Working Pressure Bar	Max. End Load kN	Dimensions			Sealing Surface		Bolts		Weight Kgs
				A mm	B mm	C mm	D mm	E mm	mm	Size No.	
50	60.3	16	4.6	165	125	22	60	87	M16	4	2.3
65	76.1	16	7.3	185	145	22	76	105	M16	4	2.6
80	88.9	16	9.9	200	160	24	89	116	M16	8	3.2
100	114.3	16	16.4	220	180	24	114	141	M16	8	3.4
150	165.1	16	34.2	285	240	24	165	195	M20	8	5.1
150	168.3	16	35.6	285	240	24	168	198	M20	8	4.6
200	219.1	16	60.3	340	295	24	219	254	M20	12	7.8
250	273.0	16	93.6	405	355	26	273	308	M24	12	11.4
300	323.9	16	131.8	460	410	28	324	359	M24	12	13.7
350	355.6	16	158.8	520	470	30	356	416	M24	16	23.0
400	406.4	16	207.4	580	525	32	406	467	M27	16	28.0
450	457.2	16	262.5	640	585	36	457	508	M27	20	42.5
500	508.0	16	324.0	715	650	36	508	572	M30	20	47.0
600	609.6	16	466.7	840	770	40	610	706	M33	20	73.0

Note: 2" - 6" flange drilling to PN10 / PN16 and 8" and above to PN16. See page 28 for required bolt torque.

MODEL

7041 FLANGE ADAPTER - BS 10-E

The **Shurjoint** Model 7041 flange adapter allows for a direct connection with BS 10 Table E flanges. The two-segment design provides an easy and fast installation. 2"

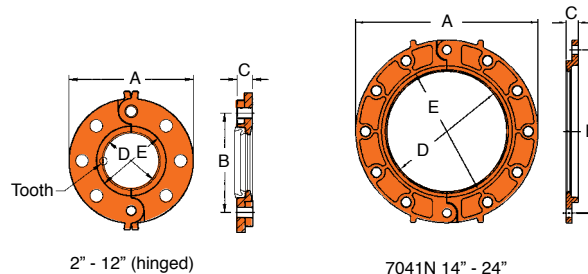
through 12" flange adapters are supplied hinged as a single assembly, while 14" - 24" (7041N) are supplied with two independent segments and a draw kit.

Pressure-Temperature Rating

Nom. Rating	Working Pressure (STD, Roll-grooved)	Max. Service Temperature
PN 14	200 psi @ 100°F 14 Bar @ 38°C	EPDM: 230°F / 110°C Nitrile: 180°F / 82°C

*Working pressure is based on roll- or cut-grooved standard wall carbon steel pipe.

*Hydrostatic Shell Test: 1.5 times the working pressure, non-shock cold water.



Nominal Size mm	Pipe O. D. mm	Max. Working Pressure Bar	Max. End Load kN	Dimensions			Sealing Surface		Bolts		Weight Kgs
				A mm	B mm	C mm	D mm	E mm	No.	Size in	
65	76.1	14	6.36	165	127	22	76	105	4	3/8	2.5
80	88.9	14	8.69	184	146	24	89	116	4	5/8	3.4
100	114.3	14	14.36	216	178	24	114	141	8	5/8	4.0
125	139.7	14	21.45	254	210	24	140	170	8	5/8	4.5
150	165.1	14	29.96	279	235	24	165	195	8	3/4	5.0
200	219.1	14	52.76	337	292	29	219	254	8	3/4	8.4
250	273.0	14	81.91	406	356	30	273	308	12	3/4	10.8
300	323.9	14	115.30	457	406	32	324	359	12	7/8	12.0
350	355.6	14	138.97	527	470	32	356	416	12	7/8	20.8
400	406.4	14	181.51	578	521	32	406	467	12	7/8	21.0
450	457.2	14	229.73	641	584	36	457	508	16	7/8	28.9
500	508.0	14	283.61	705	641	38	508	572	16	7/8	38.1
600	609.6	14	408.4	826	756	42	610	706	16	1 1/2	54.6