



DIMENSIONS AND WEIGHTS OF STANDARD MONOLITHIC INSULATING JOINTS

ANSI 150							ANSI 300						ANSI 600					
Dia.	A	Th.	B	C	D	KG	A	Th.	B	C	D	KG	A	Th.	B	C	D	KG
1/2"	21.3	2.77	60	44	250	0.8	21.3	2.77	60	60	250	0.9	21.3	2.77	60	60	250	1,0
3/4"	26.7	2.87	60	44	250	0.9	26.7	2.87	66	60	250	1.2	26.7	2.87	66	60	250	1.3
1"	33.4	3.38	64	47	250	1.1	33.4	3.38	76	60	250	1.9	33.4	3.38	76	60	250	2,0
1-1/4"	42.4	3.56	77	50	250	1.6	42.4	3.56	82	70	300	2.5	42.4	3.56	82	70	300	2.5
1-1/2"	48.3	3.68	90	54	300	2.4	48.3	3.68	95	80	300	3.5	48.3	3.68	95	80	300	3.5
2"	60.3	3.91	102	60	300	3.6	60.3	3.91	108	92	300	5.5	60.3	3.91	108	92	300	6,0
2-1/2"	76.1	4,00	114	62	400	4.5	76.1	4,00	128	96	400	8.5	76.1	4,00	127	96	400	8.5
3"	88.9	4.78	127	65	400	6.3	88.9	5.49	140	105	400	11,0	88.9	5.49	146	121	400	15,0
4"	114.3	4.78	154	70	400	9.1	114.3	6.02	159	110	400	12.5	114.3	6.02	177	132	400	22,0
5"	141.3	4.78	194	80	500	14.5	141.3	6.55	195	130	500	26,0	141.3	6.55	203	141	500	31,0
6"	168.3	4.78	230	95	500	21,0	168.3	7.11	229	136	600	37,0	168.3	7.11	240	147	600	43,0
8"	219.1	6.35	273	100	500	31,0	219.1	8.18	298	138	600	57,0	219.1	8.18	298	158	600	66,0
10"	273,0	6.35	324	120	700	55,0	273,0	9.27	343	142	700	72,0	273,0	9.27	352	173	700	95,0
12"	323.8	7.14	381	130	700	75,0	323.8	9.52	394	142	700	114,0	323.8	9.52	415	186	700	145,0
14"	355.6	7.92	419	138	900	105,0	355.6	9.52	430	155	900	140,0	355.6	9.52	442	192	900	165,0
16"	406.4	7.92	469	150	900	150,0	406.4	9.52	469	155	900	153,0	406.4	9.52	505	219	900	231,0
18"	457.2	7.92	530	158	1000	163,0	457.2	9.52	530	177	1000	184,0	457.2	9.52	568	244	1000	295,0
20"	508,0	9.52	582	158	1000	199,0	508,0	9.52	582	180	1000	210,0	508,0	12.7	630	255	1000	370,0
22"	558.8	9.52	635	160	1000	226,0	558.8	9.52	650	198	1000	270,0	558.8	12.7	688	278	1000	460,0
24"	609.6	9.52	696	163	1000	256,0	609.6	9.52	705	204	1000	340,0	609.6	14.3	740	290	1000	560,0
26"	660.4	9.52	750	163	1000	262,0	660.4	12.7	776	214	1000	480,0	660.4	14.3	787	306	1000	720,0
28"	711.2	9.52	800	168	1000	310,0	711.2	17.7	818	222	1200	550,0	711.2	15.9	868	331	1200	850,0
30"	762,0	9.52	850	172	1200	341,0	762,0	12.7	875	225	1200	640,0	762,0	15.9	915	350	1200	990,0

CHARACTERISTICS OF STANDARD MONOLITHIC INSULATING JOINTS

Calculation note: per ASME VIII Div. 1 - App. 2

WPS - PQR & WPQ: per ASME IX

Design factor: 0.5

Temperature: -10° to +70° C

Hydrostatic test: 1.5 times the design pressure

Dielectric test: > 3 kV / 1 min @ 50 Hz - AC

Electrical resistance: > 5 MO @ 1000 V - DC

External and internal coating: epoxy resin

Non-destructive testing: MPI, UT, X-Rays, Liquid penetrant, on welds or according to specification

Packings: API 5L Gr.B - X42 - X52 or other acc. to specifications

Double insulation: from ND 16" ANSI 600 upwards

We can deliver any other (non-standard) technical feature per your detailed specification