

PIPELINE INSULATING JOINTS
Monobloc insulating joints

Document No.: 14-202-R1

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German Cathodic Protection

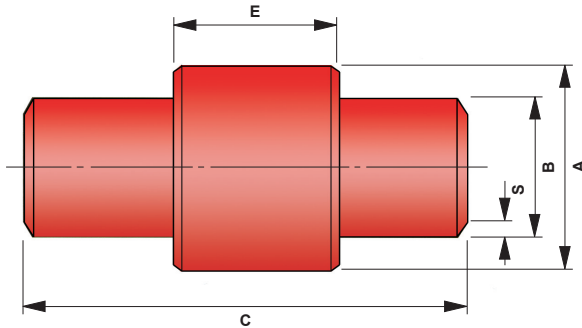
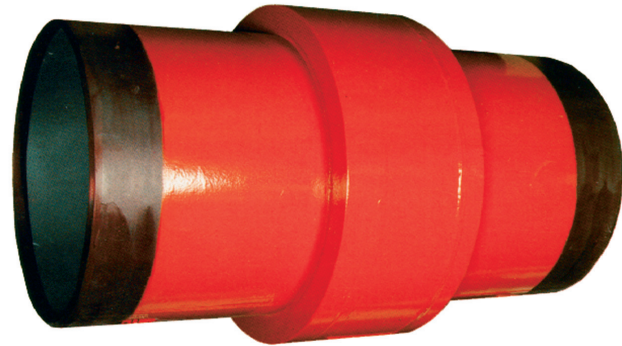


Our Monobloc Insulating Joints are always manufactured according to the highest technical standards.

Full technical details of the planned application should be supplied so that we can select the joint that is suited to the requirements.

The **PN** always refer to the maximum pressure for each application but all joints offer the following characteristics:

- Resistance in air: greater than 5 MΩ
- Testing voltage: 3 000 V - 50 Hz
- Hydraulic test pressure: 1.5 x PN
- Temperature: up to 70° C



Joint Material:

FE 45-1 UNI 7088-72
API 5L-5LX

On request, we can also supply joints with different materials, joints with operating pressures in excess of ANSI 600, joints for temperatures over 70° C and joints for voltages over 3 kV.

DN	B	PN 25 ANSI 150				PN 64 ANSI 300 - 400				PN 100 ANSI 600			
		S	A	C	E	S	A	C	E	S	A	C	E
1/2"	21.3	3.25	49	230	34	3.25	60	250	60	3.25	60	250	60
3/4"	26.7	3.91	51	230	35	3.91	65	250	60	3.91	65	250	60
1"	33.4	3.91	58	230	37	3.91	75	250	60	3.91	75	250	60
1 1/4"	42.4	3.91	70	250	40	3.91	82	300	70	3.91	82	300	70
1 1/2"	48.3	3.91	75	250	42	3.91	95	300	80	3.91	95	300	80
2"	60.3	3.91	88	290	57	3.91	108	350	92	3.91	108	350	92
2 1/2"	76.1	4.78	113	360	63	5.49	114	500	94	5.49	118	500	96
3"	88.9	4.78	127	390	65	5.49	135	500	96	5.49	136	500	105
4"	114.3	4.78	151	440	72	6.02	159	500	108	6.02	166	500	120
5"	141.3	4.78	192	460	89	6.55	194	600	124	6.55	197	600	135
6"	168.3	5.56	217	490	94	7.11	240	600	136	7.11	240	600	149
8"	219.1	6.35	272	540	102	8.18	273	600	158	8.18	293	600	176
10"	273.0	6.35	322	620	115	9.27	350	800	186	9.27	350	800	205
12"	328.8	6.35	380	830	153	9.52	400	1000	206	9.52	406	1000	228
14"	355.6	7.14	430	880	168	10.31	440	1000	228	12.70	450	1000	249
16"	406.4	7.14	483	930	175	12.70	490	1000	244	12.70	505	1000	273
18"	457.4	7.14	525	960	195	12.70	546	1000	267	14.27	558	1000	300
20"	508.0	7.14	600	1000	205	12.70	604	1200	290	15.88	621	1200	322
22"	558.8	7.92	645	1000	220	14.27	655	1200	311	17.48	682	1200	348
24"	609.6	7.92	700	1000	240	15.88	706	1200	335	19.05	739	1200	371
26"	660.4	7.92	750	1000	250	15.88	760	1200	354	19.05	800	1200	391
28"	711.2	8.14	810	1200	260	17.48	813	1300	376	19.05	857	1300	419
30"	762.0	8.74	850	1400	270	19.05	864	1300	398	19.05	912	1300	434

Dimensions in mm

DIAMETER OVER 30" ALSO AVAILABLE ON REQUEST