



For main pipelines

Usually **ready in stock** from DN **3/4"** to DN **16"**, the PROCHIND® insulating joints for mainline Pn 16-25 are normally produced in diameters from **3/4"** to **56"** with bevelled ends and/or flanged.

On request FAP is able to produce PROCHIND® insulating joints up to **82"** diameter, operating pressure up to **250 bar / 25 Mpa**, operating temperature up to **200°C / 392°F**. The particular project design with the special **NBR** gasket with **rectangular** shape (**PROCHIND® Patent**), has allowed the realization of a monolithic element with high mechanical and structural characteristics.

Suitable for: **WATER, GAS, HYDROCARBONS**

TECHNICAL SPECIFICATIONS

Manufactured and tested	UNI-CIG 10285
Max operating pressure	100 bar / 10 Mpa
Test pressure	150 bar / 15 Mpa
Max operating temperature	70°C / 158°F
El. Resistance in air at 1000V d.c.	5 Mohm
Dielectric test	3000 V

MATERIALS

Pipe pups	Steel UNI 7088/API 5L/ASTM
Main Body	Forged A105/ASTM/UNI
Insulating rings	G10/G11
Gaskets	NBR/VITON
Ends	bevelled API 5L / flanged
Coatings	Epoxy resins

DN	D	S	A	F	E	L	Kg
3/4"	26,7	3,2	95	60	65	250	1,6
1"	33,4	3,4	95	60	75	250	2,0
1"1/4	42,2	3,6	113	70	82	300	2,8
1"1/2	48,3	3,7	110	80	95	300	4,0
2"	60,3	3,9	129	92	108	350	6,0
2"1/2	76,1	4,5	124	102	127	350	8,5
3"	88,9	5,5	190	120	152	500	16,0
4"	114,3	6,0	182	135	178	500	23,0
5"	141,3	6,5	220	160	219	600	35,0
6"	168,3	7,1	215	170	254	600	49,0
8"	219,1	8,2	205	190	324	600	85,0
10"	273	9,3	293	214	380	800	131,0
12"	323,8	9,5	283	234	441	800	175,0
14"	355,6	9,5	375	250	486	1000	235,0
16"	406,4	9,5	365	270	540	1000	323,0
18"	457,2	9,5	355	290	589	1000	394,0
20"	508	9,5	450	300	652	1200	490,0
22"	558,8	12,7	440	320	708	1200	580,0
24"	609,6	12,7	430	340	766	1200	675,0
26"	660,4	14,3	425	350	824	1200	795,0
28"	711,2	14,3	470	360	882	1300	975,0
30"	762	17,5	465	370	940	1300	1100,0
32"	812,8	19,0	450	400	990	1300	1270,0
34"	863,6	19,0	445	410	1050	1300	1420,0
36"	914,4	20,6	485	430	1110	1400	1600,0
38"	965,2	22,2	480	440	1170	1400	1850,0
40"	1016	23,8	470	460	1210	1400	2000,0
42"	1066,8	25	465	470	1290	1400	2500,0
48"	1219,2	25	620	560	1487	1800	3800,0
56"	1422,4	25	937	625	1710	2500	5900,0

* dimensions in mm are for information only and may change