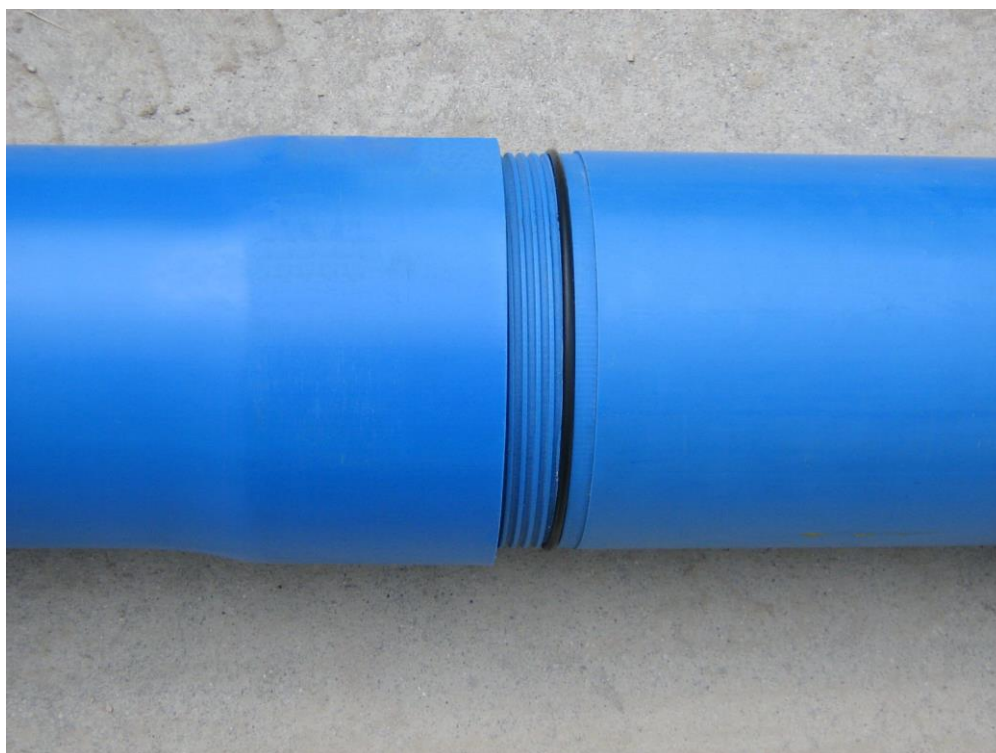


# PVC PIPES

Our PVC pipes are manufactured with the highest quality materials which, thanks to their chemical and physical features, assure long lasting pipes and preserve them from corrosion of very aggressive water or alterations due to stray currents. They are non toxic and suitable for drinking water use. Their extremely smooth surface avoids any kind of encrustation, moreover their lightness and type of connection – threaded with socket (Pic. 1) or flush jointed (Pic. 2) – allow easy and quick pipelaying. All pipes are carefully inspected and connections are tested. When applicable they are manufactured according to DIN 4925 norm requirements.



Pic. 1  
M/F Threaded end  
with socket.  
This kind of  
connection requires  
larger overall  
dimensions compared  
to the pipe diameter.



Pic. 2  
Flush joints. This kind of connection requires the same overall dimensions as the pipe diameter.

### PHYSICAL AND MECHANICAL FEATURES

FEATURES	TESTING METHODS DIN NORM – UNI NORM		
Specific gravity	g / cm <sup>3</sup>	1,4	
Yield point	Kg / cm <sup>2</sup>	338	ASTM method D 638
Load at break	Kg / cm <sup>2</sup>	435	ASTM method D 638
Elongation at break	%	8	ASTM method D 638
Tensile strength	N / mm <sup>2</sup>	55	DIN 53455
	Kg / cm <sup>2</sup>	555	UNI 5819/66
Modulus of elasticity	Kg / cm <sup>2</sup>	26.000	UNI 7219/72
	N / mm <sup>2</sup>	2.600	DIN 53457
Shock resistance 20°C		no breaks	DIN 53453 UNI 6323

## PVC PIPES RANGE

DIAMETER		WALL THICKNESS		SOCKET MAXIMUM OVERALL DIMENSIONS (*COUPLING)	USABLE INSIDE DIAMETER	WEIGHT	STANDARD LENGTH
mm	inches	mm	PN	mm	mm	Kg/mt	mt
33,3*	1"	3,3	PN 10	40,0*	26,7	0,48	1-3-6
42*	1 <sup>1/4</sup>	3,7	PN 10	49,0*	34,6	0,68	1-3-6
48*	1 <sup>1/2</sup>	3,3	PN 8	55,0*	41,4	0,71	1-3-6
48*	1 <sup>1/2</sup>	4,0	PN 10	55,0*	40,0	0,74	1-3-6
60	2"	4,2	PN 8	65,0	51,6	1,126	1-3-6
60	2"	4,6	PN 10	65,8	50,8	1,22	1-3-6
75	2 <sup>1/2</sup>	4,5	PN 8	80,0	66,0	1,524	1-3-6
75	2 <sup>1/2</sup>	5,3	PN 10	82,0	64,40	1,760	1-3-6
88,9	3"	5,0	PN 8	94,0	80,0	1,930	1-3-6
88,9	3"	6,5	PN 10	97,0	76,0	2,30	1-3-6
114	4"	5,4	PN 8	121,0	103,2	2,80	1-3-6
114	4"	7,2	PN 10	124,6	99,6	3,64	1-3-5
125	4 <sup>1/2</sup>	6,0	PN 10	131,0	113,0	3,50	1-3-5
125	4 <sup>1/2</sup>	9,3	PN 16	137,6	106,0	5,20	1-3-5
140	5"	5,4	PN 8	145,0	129,2	3,60	1-3-5
140	5"	6,7	PN 10	148,0	129,6	4,30	1-3-5
140	5"	10,4	PN 16	155,0	119,0	6,40	1-3-5
160	6"	6,2	PN 8	167,0	147,6	4,60	1-3-5
160	6"	7,7	PN 10	170,0	144,6	5,70	1-3-5
160	6"	11,9	PN 16	178,0	136,2	8,42	1-3-5
165	--	6,2	PN 8	172,0	152,6	4,70	1-3-5
165	--	7,7	PN 10	175,0	149,6	5,95	1-3-5
165	--	11,9	PN 16	177,8	141,2	8,75	1-3-5
170	--	7,7	PN 10	180,0	154,6	6,06	1-3-5
180	6 <sup>1/2</sup>	7,0	PN 8	188,0	166,0	5,84	1-3-5
180	6 <sup>1/2</sup>	8,6	PN 10	191,2	162,8	7,10	1-3-5
180	6 <sup>1/2</sup>	13,4	PN 16	201,0	153,2	10,69	1-3-5
200	7"	7,7	PN 8	210,0	184,6	7,10	1-3-5
200	7"	9,6	PN 10	214,0	180,8	8,80	1-3-5
200	7"	14,9	PN 16	224,0	170,2	13,20	1-3-5
225	8"	8,7	PN 8	237,0	207,6	9,00	1-3-5
225	8"	10,8	PN 10	241,0	203,4	11,10	1-3-5
225	8"	16,7	PN 16	252,0	192,0	16,60	1-3-5
250	9"	9,0	PN 8	262,0	232,0	11,30	1-3-5
250	9"	11,9	PN 10	269,0	226,2	13,60	1-3-5
250	9"	18,0	PN 16	281,0	214,0	20,00	1-3-5
280	10"	12,5	PN 8	300,0	255,0	16,10	1-3-5
280	10"	16,0	PN 10	307,0	248,0	20,20	1-3-5
280	10"	21,0	PN 16	317,0	238,0	26,30	1-3-5
315	----	15,0	PN 10	343,0	285,0	22,47	1-3-5
330	12"	14,5	PN 8	353,0	301,0	22,10	1-3-5
330	12"	19,0	PN 10	362,0	292,0	28,50	1-3-5
330	12"	25,0	PN 16	374,0	280,0	36,87	1-3-5
400	14"	19,0	PN 8	433,0	362,0	34,77	1-3-5
400	14"	21,5	PN 10	438,0	357,0	39,00	1-3-5
450**	--	18,3	PN 8	450,0	413,0	37,00	1-3-5,5
500**	--	20,0	PN 8	500,0	460,0	45,50	1-3-5,5
500**	--	29,7	PN 10	500,0	440,6	67,50	1-3-5,5
630**	--	24,0	PN 8	630,0	582,0	68,25	1-3-5,5

\* Only male-male threaded connections with coupling. ( Pic. 3)

\*\* Only flush jointed ( Pic. 4)





Pic. 3  
Male-male threaded  
connections with  
coupling.



Pic. 4  
Pipe diam. 450 mm flush jointed.

**Available on request:**

- **Different lengths**
- **Glue connection pipes**
- **Rub gaskets (O-ring) for higher tightness of connections**