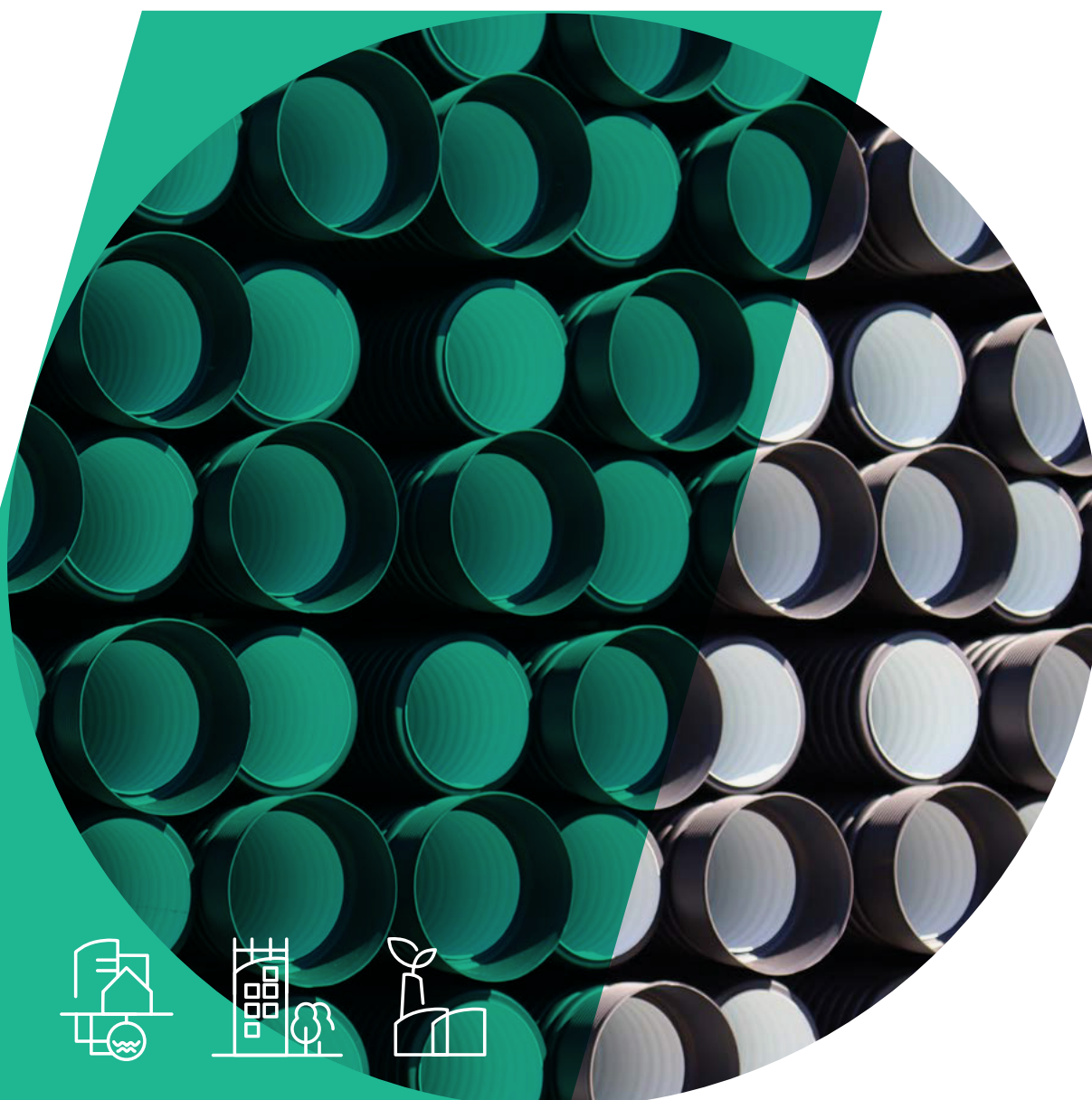


Solutions for a green future

AMBIDUR
CD03R00



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The best thermoplastic solutions for infrastructure networks



Politejo Group was founded in 1978, as an industry specialized in the manufacture of thermoplastic solutions and its main activity is the production of pipes and plastic accessories for the water supply, waste water, irrigation, electricity and telecommunications.

Our strategy is based on the constant innovation of products and services, with a skilled team, able to understand the needs associated with the various sectors and present highly reliable solutions, longevity that allow the conservation of water resources and the environment.

The success of Politejo Group is based on the profile of its employees, with a family-oriented management, due to the strategic location of its manufacturing units and their complete solutions.

This profile enabled a notable growth throughout the last 40 years, and currently Politejo Group is present in Angola, Brazil, Spain, Mozambique and Portugal, with a view to expanding to new locations.

AMBIDUR

RANGE PRODUCED AND DIMENSIONS



The following tables show the standard dimensions in accordance with the standard EN 13476-3 reference standard for plastic piping systems for non-pressure underground drainage and sewerage. PE or PP structured wall. Pipes with smooth internal surface and profiled exterior and the system, Type B.

Dimensions by outer diameters

Diameter (mm)		Length mouth (mm)	Certificates			
DN (mm)	DI min.(mm)		SN8 (PE)	PE-SN16	PP-SN8	PP-SN16
125	105	35	SGS	SGS	SGS	SGS
160	134	42	SGS	SGS	SGS	SGS
200	167	50	SGS	SGS	AENOR/SGS	SGS
250	209	55	SGS	SGS	AENOR/SGS	SGS
315	263	62	SGS	SGS	AENOR/SGS	SGS
400	335	70	SGS	SGS	AENOR/SGS	SGS
500	418	80	SGS	SGS	AENOR/SGS	SGS
630	527	93	SGS	SGS	AENOR/SGS	SGS
800	669	110	SGS	SGS	AENOR/SGS	SGS
1000	837	130	SGS	SGS	AENOR/SGS	SGS
1200	1005	150	SGS	SGS	SGS	SGS
Colour	Inner layer		White	Grey	White	Grey
	Outer layer		Orange/black	Orange	Orange/black	Orange

Dimensions by inside diameters

Male tip				Embochure		
Outside diameter (mm)			Inside diameter (mm)	Outside diameter (mm)	Length (mm)	
Nominal \emptyset	Medium $d_{em, min}$ $d_{em, max}$				Indicative	A_{min}
300 ID	338,0	341,0	294±6	354	64	110
400 ID	451,3	455,3	392 ±8	472	74	172
500 ID	561,7	566,6	490±10	588	85	182

The table shows the products covered by the available certifications.

Product testing

Essay	Standard	Parameters
Appearance, colour, dimensional controle marking	EN 13476-3	According to the standard
Circumferential Rigidity	EN ISO 9969	$\geq 8 / 16$ KN/m ²
Ring flexibility	EN ISO 13968	Unbroken
Impact Resistance	EN ISO 3127	IRR $\leq 10\%$
Greenhouse Test	ISO 12091	The pipe must not show any laminations, cracks or bubbles
Watertight	EN ISO 13259	No Escape
Creep Coefficient	EN ISO 9967	≤ 4

The tests shaded in the table above are an integral part of the certificate 3.1. When necessary contact commercial services.

Leakage test conditions

Parameters		Requirement	Method
Temperature	23 ± 5 °C		ISO 13259 Condition B
Deformation Male	10%		
Deformation Mouth	5%		
Water pressure	0,05 bar	No escape	ISO 13259 Condition C
Water pressure	0,5 bar	No escape	
Air pressure	-0,3 bar	≤ 0,27 bar	
Temperature	23 ± 5 °C		ISO 13259 Condition C
dn ≤ 315 mm	2°		
315 < dn ≤ 630 mm	1,5°		
dn > 630 mm	1°		
Water pressure	0,05 bar	No escape	
Water pressure	0,5 bar	No escape	
Air pressure	-0,3 bar	≤ 0,27 bar	

Certification and marking of pipes

Commercial Range	Organism	Certificate	Marking
Ambidur	AENOR	AENOR 001/XXX	AENOR 030/XXX POLITEJO AMBICABOS PE DN ___ L250/N450 ___ UNE-EN 61386-24 (DATE CODE) CE BATCH (BATCH CODE)
	SGS	SGS PT09/2773	POLITEJO AMBIDUR PP/PE DN ___ SN ___ EN 13476-3 (DATE CODE) SGS PT 09/2773 (BATCH CODE)

Presentation

DN	Tubes/pallet	Metres/pallet
125	43	266.6
160	33	204.6
200	17	105.40
250	11	68.20
315	9	55.17
400	6	36.78
500	2/4	12.26/24.52
630	2/3	12.30/18.45
800	2/3	12.40/18.60
1000	1/2	6.20/12.40
1200	1/2	6.15/12.30
300 ID	6	36.78
400 ID	6	36.78
500 ID	2/4	12.26/24.52

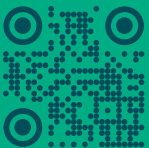
Environment

Separate the materials that make up the packaging of our products correctly. The following materials are possible in the composition of the packaging: wood, polyester tape and recycled PE plastic to cover the pallet.

Our end products are recyclable after their useful life.



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