



Reference Standard: PNS 14 thickwall (BPS certified)

Dimensions

<i>Pipe Size</i>	<i>Mean Outside Diameter</i>	<i>Wall Thickness</i>	<i>Effective Length</i>
20	20 + 0.2mm	2.2 + 0.42mm	3 meters
25	25 + 0.2mm	2.3 + 0.43mm	3 meters
32	32 + 0.2mm	2.4 + 0.44mm	3 meters
40	40 + 0.2mm	2.4 + 0.44mm	3 meters
50	50 + 0.2mm	2.4 + 0.47mm	3 meters
63	63 + 0.2mm	2.5 + 0.48mm	3 meters
75	75 + 0.3mm	2.9 + 0.49mm	3 meters
90	90 + 0.3mm	3.5 + 0.52mm	3 meters
110	110 + 0.4mm	4.2 + 0.62mm	3 meters
160	160 + 0.4mm	6.1 + 0.81mm	3 meters

Physical & Mechanical Characteristics

	<i>Standard Requirement</i>	<i>Reference Standard</i>	<i>Xacto Electrical Pipes</i>
Vicat Softening Temperature	Shall not be less than 76 °C	ISO 2507	Passed
Longitudinal Reversion	Shall not be greater than 5%	ISO 2505	Passed
Water Absorption	Shall not be greater than 40 g/m ²	ISO 2508	Passed
Tensile Strength	Shall not be less than 27.5 MPa	ISO 6259	Passed
Resistance to Acetone	No sign of delamination or disintegration	ISO 3472	Passed
Resistance to Burning	Flame shall extinguish itself in 30s after removal of the flame	PNS 14	Passed
Resistance to External Blows	True impact rate shall not exceed 10%	ISO 3127	Passed
Flattening	No evidence of splitting, cracking or breaking when flattened to a minimum of 40% of the outside diameter	ASTM D2241	Passed