PALADEX
Innovative Pipe Systems

Paladex PE-Spiral Pipe

ID 1500 mm- SN8

Description

Paladex PE is a top quality double wall pipe produced using an hybrid technology which combines galvanized steel and Polyethylene coating. The pipe is spiral structured characterized with extraordinary unique strength and low weight. The external color is black and the internal color is blue with a smooth finish. The pipe comes with an integral socket and spigot enabling an easy and tight connection

Physical Dimensions

Internal Diameter	1500	mm
External Diameter	1609	mm
Pitch	170	mm
Effective Length	5800 ± 50	mm
Total Length	5950 ± 50	mm
Socket External Diameter	1777	mm
Valley Width	~114.5	mm

Material Properties

HDPE	Tensile Strength	30	Mpa
	Density	950	Kg/M²
Steel	Tensile Strength	275	Mpa
	Elastic modulus	$2.1x10^5$	Mpa
	Minimum Working Temperature	0°	º C
	Maximum Working Temperature	80°	º C

Pipe Parameter

Manning Value	0.9	
Ring Stiffness	8	KN/m²
Outside Color	Black	
Inside Color	Blue	

Pladex PE Pipes are produced according to ASTM standard F2354