

- PRODUCT NAME** : HDPE PIPE ACCORDING TO SPEC API 15LE øE 6" SDR 9 PE 4710 250 PSI BLACK
- OPERATING PRESSURE** : 250 PSI
- DESCRIPTION** : GLOBALPLAST SAC pipes are manufactured with 100% virgin High Density Polyethylene resin (HDPE) which is extremely strong, durable, flexible, and resistant to corrosion, abrasion and chemicals.
- UV PROTECTION** : In addition, the black pipe has UV protection which allows to minimize degradation and contains 2 to 2.5% carbon black, so it can be installed and stored outdoors in most climates for extended periods of time without damage or loss of physical properties.
- USE AND APPLICATIONS** : The pipeline can transport Water, Wastewater, Chemicals, Toxic Waste, Mine Tailings, Compressed Gases and Petroleum. It is mostly used for transporting natural gas as there is no tolerance for drips and leaks and no risk of corrosion.
- FEATURES AND BENEFITS** :
- Zero Leaks, Zero Drips.
 - Durability and long term resistance.
 - High pressure and impact resistant.
 - Suitable for extreme climates.
 - Resistance to corrosion and Chemicals.
 - Lower Installation Costs.
 - Easy Installation.
 - Perfect for Trenchless Installations.
 - Light Weight and Flexible.
 - Eco friendly.
 - Non Toxic.
 - Low thermal conductivity.
 - High Abrasion and Corrosion Resistance.

DETAILS :

TEST DESCRIPTIONS		SPECIFICATION	
GENERAL FEATURES	Smooth internal and external surface.	smooth internal and external surface, uniform color. It shall not present cracks, fissures, perforations, or incrustations of foreign material, cavities or bubbles	
	Clean internal and external surface.		
	Internal and external surface free of visible impurities.		
	Internal and external surface Free of pores, cavities and irregularities.		
	Cut ends clean and square to the pipe axis.		
Uniform color.			
SIZING	Minimum External Diameter (mm)	168.00	
	Maximum External Diameter (mm)	168.56	
	Minimum wall thickness (mm)	18.69	
	Maximum wall thickness (mm)	20.93	
	Minimum Inner Diameter (mm)	126.14	
	Maximum Inner Diameter (mm)	131.18	
	Weight Kg/average meter	8.782	
	Total length (m)	ACCORDING TO AGREEMENT	
Product presentation (units)	Pipe of 12 meters each		
TESTS	Hydrostatic Pressure Test	They are tested according to ASTM D1598.	
	Pipe test pressure (Bar.)	55.00	
	Elongation at Break Test	Tested according to ISO 6259-1, -3 Requirement Annex A - Minimum accepted elongation: 350%. (*Can replace the Pressure test)	
	Longitudinal Elongation Value (%)	≥ 350%	
	Longitudinal reversion test ≤ 3%, 110 °C (half air)	They are tested according to NTP-ISO 2505 and must meet the requirements of Annex A: The minimum accepted reversion is ≤ 3 %.	
Value of longitudinal reversion (%)	≤ 3%		
LABELING		It is labeled according to API Standard 15LE (8.1.3).	

STANDARD / SPECIFICATION :

- ASTM D2122, "Standard Test Method for Determining Dimensions of the Thermoplastic Pipe and Fittings".
- ASTM D1599, "Standard Test Method for Resistance to Short-Time Hydraulic Failure Pressure of Plastic Pipe, Tubing and Fittings"
- NTP-ISO 2505 "THERMOPLASTIC PIPES . Longitudinal reversion. Test methods and parameters".
- ISO 6259 -1, -3 "Thermoplastics pipes – Determination of tensile properties".
- API SPECIFICATION 15LE, "Specifications for Polyethylene Line Pipe (PE)"
- ASTM D638 "Thermoplastics pipes – Determination of tensile properties".

manufacture of HDPE polyethylene pipes
NTP ISO 4427-2, NTP ISO 8772, ASTM F714 and API Spec 15LE Standards

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