

3PE Coated Steel Pipe

The steel pipes feature a 3PE (Three-Layer Polyethylene) coating. This coating provides corrosion resistance, mechanical protection, and thermal insulation.



Product Overview

High-Performance 3PE Coated Steel Pipes

These 3PE coated steel pipes are engineered for superior corrosion resistance and mechanical protection in demanding environments like oil, gas, and water transmission. Available in SSAW, Seamless, and ERW configurations, they meet rigorous international standards for both above-ground and underground installations. The three-layer polyethylene coating ensures long-term durability and thermal insulation for critical infrastructure projects.

Technical Standards

Compliance Standards

API 5L PSL1, API 5L PSL2, EN10217-1, EN10219, ASTM A252, ISO3183, ASTM A53, ASTM A106 Grade B

SSAW Pipe Specifications

SSAW Key Metrics

2540 mm
Max Diameter

25.4 mm
Max Thickness

300000 tons
Annual Output

SSAW Dimensions

Parameter	Metric Range	Imperial Range
Diameter	219 - 2540 mm	8" - 100"
Thickness	6 - 25.4 mm	0.23" - 1.0"

Seamless Pipe Specifications

Seamless Pipe Details

- Diameter: 21.3 - 609.6 mm (1/2" - 24")
- Thickness: SCH20 - SCH160
- Annual Output: 150,000 tons
- Material: API 5L, ASTM A53/A106 Grade B

ERW Pipe Specifications

ERW Pipe Range

Feature	Specification
Diameter Range	219 - 610 mm (8" - 24")
Thickness Range	6 - 20 mm
Materials	API 5L, ASTM A252

Coating & Protection

Coating System

3PE (Three-Layer Polyethylene) • Corrosion Resistant • Mechanical Protection • Thermal Insulation

Installation Suitability

- Underground installations
- Above-ground installations
- Oil and gas pipelines
- Water transmission
- Construction structural use