

# 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