

Steel Wire Reinforced Polyethylene Composite Pipe

This composite pipe integrates a high-strength steel wire mesh within inner and outer PE layers. It offers exceptional pressure resistance, impact resistance, and corrosion resistance for various industrial applications.



Product Overview

High-Performance Composite Piping

The Steel Wire Reinforced Polyethylene Composite Pipe is a robust engineering solution designed for demanding infrastructure applications. By combining high-strength steel wire mesh with premium PE resin, it achieves superior pressure resistance and structural integrity. This composite design offers a perfect balance of chemical resistance and physical durability, making it ideal for water, gas, and industrial chemical transportation.

Technical Characteristics

Reinforcement	High-strength steel wire mesh
Base Material	High-quality PE (polyethylene) resin
Key Performance Properties	High pressure resistance, Impact resistance, Tensile strength, Corrosion resistance, Wear resistance, Low temperature resistance

Applications

Primary Applications

- Water supply
- Drainage systems
- Gas transportation
- Chemical industry