

High-Frequency Welded Steel Pipe

This high-frequency welded pipe features precise dimensions and shape with tight tolerances for diameter and wall thickness. The pipe delivers excellent anti-collapse and anti-burst performance due to its low C, S, and P content and strengthened impact toughness.



Product Overview

High-Frequency Welded (HFW) Steel Pipe

High-Frequency Welded (HFW) steel pipes are engineered for demanding long-distance transmission projects, including oil, natural gas, water, and mineral slurry. These pipes are manufactured to meet rigorous international standards such as API 5L and GB/T 9711, with steel grades reaching up to X80. Designed for high precision, they offer superior dimensional accuracy, excellent anti-collapse and anti-burst performance, and enhanced impact toughness.

Technical Standards

Standards Compliance	API 5L, GB/T 9711
Maximum Steel Grade	X80

Performance Features

Key Performance Metrics

0 Low Carbon Content	0 Low Sulfur Content	0 Low Phosphorus Content
--------------------------------	--------------------------------	------------------------------------

Material Benefits

- High precision in size and shape
- Small diameter tolerance
- Small wall thickness tolerance
- Excellent anti-collapse performance
- Excellent anti-burst performance
- Strengthened impact toughness

Applications

Industry Applications

Oil & Gas Transmission • Water Supply • Chemical Industry • Electric Power • Irrigation • Construction • Piling