

# GRP Jacking Pipe for Trenchless Installation

GRP jacking pipe is designed for underground installation without excavation, ideal for water supply and drainage. It offers corrosion resistance, light weight, and a smooth interior for optimal flow capacity.



## Product Overview

### Advanced Trenchless Infrastructure Solution

GRP (Glass Reinforced Plastic) jacking pipes are engineered for superior performance in trenchless installation and microtunneling projects. Designed to replace traditional heavy materials, these pipes offer a significant reduction in project complexity through their lightweight construction and high structural integrity. With exceptional corrosion resistance and a service life exceeding 50 years, they represent a highly durable and cost-effective choice for modern underground infrastructure.

## Technical Performance

### Compression Strength

**150 MPa**

GRP Jacking Pipe

**65 MPa**

Concrete Pipe (Typical)

### Expected Service Life

More than 50 years

## Key Advantages

### Why Choose GRP?

- Lightweight design reduces lifting and transport equipment requirements
- Smooth outside surface minimizes soil friction for longer jacking distances
- High corrosion resistance against sewerage and acidic soil environments
- Easier installation and deflection correction compared to concrete
- Reduced maintenance expenses over the product lifecycle

## Installation Data

### Trenchless Installation Characteristics

Lowjacking force requirement, Anti-deflection, High jacking length capacity, Reduced site disruption