

# Thermoplastic Composite Hose

This composite hose is suitable for transferring high-risk materials under severe conditions. It is lightweight, corrosion resistant, and offers a wide temperature application range.



## Product Overview

### Thermoplastic Composite Hose

This high-performance composite hose is engineered for demanding industrial applications, capable of transferring a wide range of fluids including gasoline, diesel, crude oil, and various chemical liquids. Constructed with multiple layers of thermoplastic films and fabrics, it features inner and outer wire helices for superior durability and flexibility. It is designed to operate safely under severe conditions, offering excellent resistance to corrosion, aging, and deformation.

## Technical Specifications

### Working Pressure

<b>6 BAR</b> Minimum Pressure	<b>25 BAR</b> Maximum Pressure
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### Construction

Thermoplastic Films • Fabric Layers • Inner Wire Helix • Outer Wire Helix

**Size Range** 1 inch to 10 inches

**Working Temperature** -196°C to 230°C

## Key Features

### Advantages

- Lightweight and easy to transport
- Small bending radius
- Soft hose body with high toughness
- Corrosion and aging resistance
- No deformation under stress
- High stability, reliability, and safety

**Compatible Media** Gasoline, Diesel Oil, Crude Oil, Chemical Liquids