

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

6 BAR Minimum Pressure	25 BAR 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