

ABOUT

COMPOSITE HOSES

Singaflex Composite hoses are a unique and innovative approach to handling a diverse range of fluids. These hoses are engineered with precision, utilising multiple layers of spirally wrapped thermoplastic fabrics and films held together by a metal inner and outer wire helix.

The inner liner and outer covers work in harmony to create a flexible and robust hose designed to surpass the limitations of traditional alternatives

Applications

- Chemical Processing
Petrochemicals
- Pharmaceuticals
- Oil and Gas
- Industrial Manufacturing
- Marine and Offshore



Product Range

Oil/ Ship-To-Shore/Ship

Oil/ Ship-To-Shore/Ship composite hoses are specifically designed and engineered for the transfer of hydro-carbons, including oils, petrol, diesel, lubricating oils, paraffin and 100% aromatics.

Chemical

Chemical hoses are chemically compatible and mechanically engineered to handle a wide range of hazardous chemicals.

Cryogenic

Cryogenic hoses are designed for use with cryogenic products at temperatures down to minus 200°C at pressures at up to 25 bar.

Chemical Compatibility

Our composite hoses securely handle a diverse range of chemicals, acids, and corrosive substances, ensuring safe and reliable fluid transfer.

Versatility

Engineered for adaptability to various fluids, our composite hoses excel in applications involving petroleum products, oils, pharmaceutical-grade materials, and a magnitude of other substances.

Durability

Designed for exceptional longevity, our composite hoses resist abrasion, providing extended service life even in challenging industrial conditions.

Flexibility

The layered construction of our composite hoses ensures flexibility, allowing easy manoeuvrability and installation in tight or complex spaces.

Lightweight Design

Easy handling, transportation, and installation compared to traditional alternatives.

Resistance to UV and Weathering

The outer covers of our composite hoses resist UV radiation and weathering, ensuring durability in outdoor or exposed applications.

Customization Options

We offer extensive customization options for composite hoses, type and material of end connections, allowing customers to tailor hoses to specific application requirements.

Safety Features

Credited to its construction, it has antistatic, flame resistance, “leak-proof” and pressure resistance properties.

Cost-Effective Solutions

Our composite hoses combine advanced features with durability and versatility in various applications making it cost-effective and efficient to use.