

High Tensile Steel Spiral Hydraulic Hose

This hydraulic hose features high tensile steel spirals for reinforcement. It conforms to GBT10544 R13, SAE 100 R13, and EN 856 R13 standards.



Product Overview

High-Performance Hydraulic Hose

This high-tensile steel spiral hydraulic hose is engineered for the most demanding high-pressure power line applications, including marine environments, underground mining, and open-pit operations. Built to withstand severe environmental conditions, it features a specialized synthetic rubber construction that offers superior abrasion, ozone, and weather resistance. With proven reliability at 1,000,000 impulse cycles, this hose ensures long service life in heavy-duty hydraulic systems.

Technical Specifications

Continuous Service Temperature

| | |
|----------------------------------|----------------------------------|
| -40 °C Min Temperature | 121 °C Max Temperature |
|----------------------------------|----------------------------------|

Max Operating Temperature

125 °C

Impulse Cycle Rating

1000000 cycles

Construction & Materials

Reinforcement Layers

- Four high tensile steel spirals
- Six high tensile steel spirals

Tube Material

Oil resistant synthetic rubber

Cover Material

Synthetic rubber with high ozone, weather and heat resistance

Compatibility & Features

Key Features

Antistatic • Antitoxic • Flame Resistant • Ozone Resistant • Weather Resistant • Super Abrasion Resistant • BIO Oil Compatible

Fluid Compatibility

Mineral oils, Vegetable oils, Rape seed oils, Glycol based oils, Poly-glycol based oils, Synthetic ester based oils, Aqueous emulsion, Water