

Subsea Compensating Hose



Description

Our Pressure Compensating hose is suitable for use in all subsea applications including those where equipment will not be permanently installed subsea and may be exposed to UV radiation in storage yards or on back deck of ships for extended periods of time.

This hose can be used with J+S subsea transformer, fibre optic penetrator, and other products and project-specific applications.

J+S can provide the engineering expertise necessary to ensure that compensation volumes are optimised for expansion and contraction due to temperature and pressure. Our technicians can manufacture hose assemblies to meet your requirements.

We can supply hose or pre-assembled and tested hose assemblies with copper or fibre optic cables and associated connectors.

Key Features

- Pressure and temperature compensating hose
- Suitable for electrical and fibre optic jumpers
- Compatible with silicone compensating fluids
- Suitable for subsea use (4000 meters)
- Can be stored in direct sunlight (yard / back deck)
- Tough and flexible to suit ROV Handling and manipulation
- Coloured orange for ease of visibility subsea
- Remains flexible after prolonged exposure to uv and ozone e.g. equatorial climates
- Can be provided with stainless steel standard hose fittings to pre-determined lengths (other materials available on request)

Specifications

Subsea Compensating Hose



Product Specification

Outer Jacket	EPDM
Inner Jacket	EPDM
Armour	High Strength Synthetic Cord
Max BR	150mm
Inner Diameter	25mm
Outer Diameter	39.5mm
Wall Thickness	7.25mm
UV resistance to	ASTM 1148
Ozone resistance to	ASTM 1149
Burst Pressure	60 Bar
Working pressure	20Bar
Operating Temperature	-40 to + 90°C
Working Temperature	-10 to + 25°C
Working Depth	4000m
Volumetric Expansion	>10% @ 10 bar internal pressure

J+S Office

The Lombard Centre, Kirkhill Place, Dyce,
Aberdeen, AB21 0GU

t: +44 (0) 1224 773435 f: +44 (0) 01224 725202

e: oilandgas@jands.co.uk w: www.jands.co.uk

*J+S Ltd operates a policy of continued development, specifications
may change without prior notice.*

