

PRODUCT INFORMATION SHEET

Anguila Hose Conduit



DESCRIPTION

The Anguila Hose Conduit is an integral part of the Anguila Subsea Distribution System, using oil filled hose conduits containing electrical or optical wires for power and signal transfer. The Anguila Hose Conduit is specially designed for subsea use. Longitudinal Kevlar strain elements ensure that the hose can withstand the toughest ROV handling, while maintaining flexibility to allow easy manipulation and orientation. The hose conduit is available in standard sizes of 13mm and 20mm. Other sizes may be available upon request.

FEATURES

- Temperature and pressure compensated - moderate internal pressure maintained under all operating conditions
- Design life > 25 years in operation subsea
- Generous volume compensation capacity
- Designed for rough ROV handling using standard manipulators
- Integrated longitudinal strain relief for enhanced snag load capacity
- Full torsion flexibility and ease of handling maintained
- Non-conductive orange coloured conduit clearly visible through ROV cameras

| Description: | Size: 13 mm | Size: 20 mm |
|-------------------------------|---|-------------|
| Working Depth: | tested for 4500 m | |
| Working Temperature (°C): | - 4 to + 25 | |
| Storage Temperature (°C): | - 40 to + 70 (70 short term) | |
| Working Pressure (bar): | 10 | |
| Break Loads (N): | Hose: >20 000 End terminations: >5 000 | |
| Burst Pressure (bar): | > 40 | |
| Volumetric Expansion (%): | > 10 % at 10 bar internal pressure | |
| Elongation at 2500 N (%): | < 2 | |
| Bending Radius, minimum (mm): | 150 | 150 |
| Inner diameter, nominal (mm): | 13 | 20 |
| Outer diameter, nominal (mm): | 25 | 32 |
| Wall thickness, nominal (mm): | 6 | 6 |
| Materials: | - Inner Liner SBR - Outer Jacket NBR/PVC - Armour Polyester - Strain Element Aramid (Kevlar) | |