

Techfluid

Manufacturers of Flexible Hose

Company Profile





Techfluid Group specialise in the design, manufacture and supply of flexible hoses to the Oil and Gas Exploration and Production Industries. We manufacture a comprehensive range of hoses and couplings for fluid transfer, where applicable DNV and ABS approvals are held. Additionally, we offer the complete service from FEED studies to installation, hose management inspection and testing services.



► Techfluid Products

Offering a complete range of flexible hose assemblies



► High Pressure Drilling Hose



► Tensioner Hose



► Industrial Hose



► Bunkering Hose



► Drag Chain Hose



► Firewater mains hose



► Hydraulic BOP Control Hose



► Heat Traced Hose

Hose Selection

API High Pressure Series

Mud & Cement Hose
Choke & Kill Hose
Hydraulic Tensioner Hose
Production Jumper Hose
Underbalanced Drilling Hose
Jetting Hose

Fire-Rated Series

BOP Hydraulic 5000 Hose
Fire-Rated Oil Hose
Fire-Rated Seawater Hose

Industrial Hose Series

Oil Delivery Hose
Bulk Delivery Hose
Bulk Material Handling Hose
Oil Suction & Delivery Hose
Potable Water Hose
Air Hose
Chemical Hose for Discharge
Chemical Suction Hose
Nitrogen Hose
Concrete Conveying Hose

Specialist Selection

Floating Hose Series
Heat Trace Hose Series



Fire-Rated Selection



► Flameguard 5000 API 16D at 700°C for 5 minutes

Hydraulic BOP **Flameguard 5000** range is a hydraulic control hose that continues to operate whilst exposed directly to fire for a minimum of 5 minutes ensuring all well control operations can be effective in an emergency situation.

Hydraulic BOP 3000/5000

Name	Identification	Working Pressure	Size /ID	Size O/D	Liner
BOP Hydraulic	BH5000	345 Bar	3/8"-2"	1.06"-3.15"	Black NBR
BOP Hydraulic *Armoured	BK5000	345 Bar	3/8"-2"	1.10"-3.15"	Black NBR



► Flameguard 300 ISO 15540 & ISO 15541, at 800°C x 30 minutes

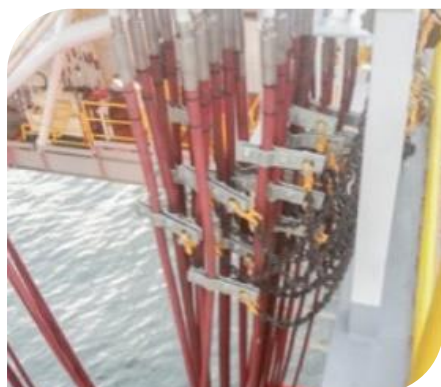
Fire Rated/Deluge **Flameguard 300** selection is design for emergency situations where operation must continue in fire conditions. Our fire rated range is utilised on offshore installations, the hose will continue to operate in a fire situation for a minimum of 30 minutes offering platform personnel a safe escape route in emergency situations.

Industrial Fire Rated Selection

Name	Identification	Working Pressure	Size /ID	Size O/D	Liner
Fire-Rated Seawater	NHG20	21 Bar	1 1/2"-10"	2.91"-12.00"	Black NBR

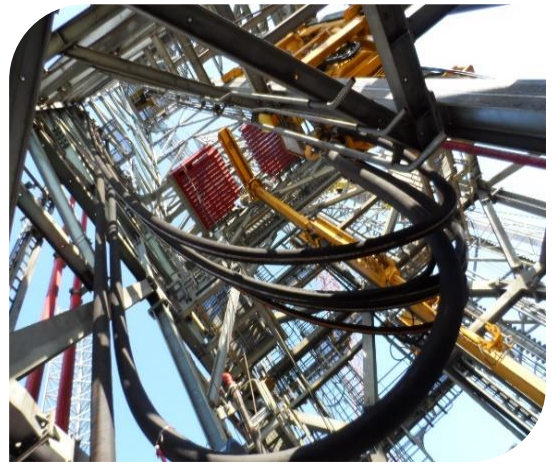


*Larger bore sizes available on request



Drilling & Production Hose Selection

Techfluid manufactures its own bonded rubber Mud, Cement, Choke & Kill and Tensioner hoses with spirally laid high tensile steel cable reinforcement and one-piece bonded in end couplings. The hoses are mandrel built in continuous lengths up to 70 metres and vulcanised to form a fully bonded hose offering high integrity and excellent flexibility. Our range covers working pressures up to 15,000psi in sizes up to 16".



► High-Pressure Mud Hose

Product No: NJG-SZ | NNG-SZ
Standard: API 7K FSL 2
License No: 7K-0106



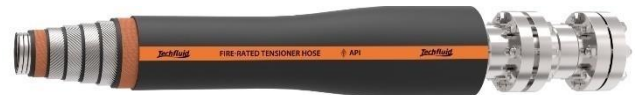
► High-Pressure Cement Hose

Product No: SNG-SZ | NSG-SZ
Standard: API 7K FSL 0
License No: 7K-0106



► High-Pressure Fire-Rated Tensioner Hose

Product No: HNG-SZ
Standard: API 7K / API 17K
License No: 7K-0106 / 17K-0008



► High-Pressure Choke & Kill Hose

Product No: JYG-SZ
Standard: API 16C FSL 3
License No: 16C-0413



► High-Pressure Underbalanced Drilling Hose

Product No: UDG-SZ
Standard: API 7K FSL 1
License No: 7K-0106



► High-Pressure 17K Production Jumper

Product No: KRG-SZ
Standard: API 17K
License No: 17K-0008












Rig Supply Selection

Techfluid offer a comprehensive range rig supply of hoses used for the transfer of products from the supply vessel to offshore platforms and drilling rigs. The hose structure is designed to provide superior load and abrasion resistance suitable for any offshore environment. We also offer custom designed hoses built to individual requirements. Every hose is hydrostatically tested and provided with full certification.

Industrial and Rig Supply Hose Selection (available as a heat trace or floating option)

Name	Identification	Working Pressure	Size /ID	Size O/D	Liner	
Oil Delivery	SY10	10 Bar	3"-8"	3.62"-9.02"	Black NBR	
	SY20	20 Bar	3"-6"	3.66"-6.93"	Black NBR	
	SY40	40 Bar	3"-4"	3.62"-5.04"	Black NBR	
Bulk Material	SM10	10 Bar	3"-8"	3.70"-9.09"	Black SBR/NR	
	SM20	20 Bar	3"-6"	3.74"-7.01"	Black SBR/NR	
Oil Suction & Delivery	XY10	10 Bar	3"-8"	3.62"-9.25"	Black NBR	
	XY20	20 Bar	3"-6"	3.66"-6.93"	Black NBR	
	XY40	40 Bar	3"-5"	4.72"-6.65"	Black NBR	
Bulk Material Handling (Hard Wall)	XM10	10 Bar	3"-8"	3.70"-9.37"	Black SBR/NR	
	XM20	20 Bar	3"-6"	3.90"-7.16"	Black SBR/NR	
Potable Water (Soft Wall)	SS10	10 Bar	3"-8"	3.62"-9.02"	White NR	
	SS20	20 Bar	3"-6"	3.82"-7.09"	White NR	
Potable Water (Hard Wall)	XS10	10 Bar	3"-8"	3.62"-9.25"	White NR	
	XS20	20 Bar	3"-6"	3.82"-7.01"	White NR	
▶ Floating Hose, available on all ranges						
	FT10	10 Bar	2"-8"	4.88"-11.06"	Black NBR	
	FT20	20 Bar	2"-8"	4.88"-11.06"	Black NBR	

Additional Options (all mediums available on request)

▶ Floating Hose Option

For transferring materials between drilling platform and supply ship, such as fuel oil, barite, mud and potable water. Floating layer bonded with hose body ensuring stability.



▶ Heat Trace Option

Suitable for all applications, designed and manufactured by Techfluid and produced to the highest quality to meet API requirements and provide safe and reliable fluid transfer in freezing conditions.



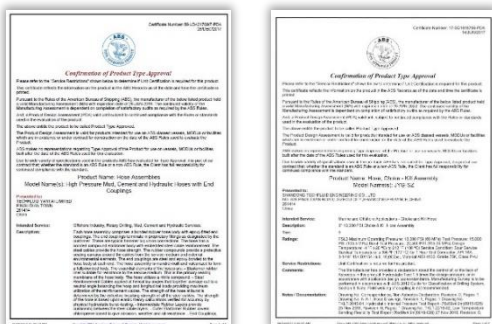
Manufacturing Plant Certification

API Certification

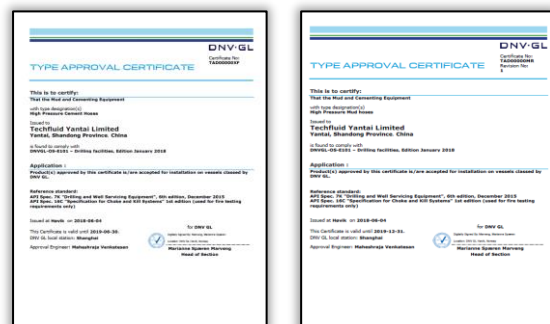


<https://mycerts.api.org/Search/CompositeSearch>

ABS Type Approval



DNV-GL Type Approval



Hose Inspection & Repair Service

Techfluid provide a comprehensive inspection service for Flexible Hose Assemblies (FHAs). This typically includes internal & external inspection, refurbishment, repair, hydrostatic testing, re-certification and report.



Techfluid U.K Ltd

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