

# Hose and Couplings

Fluid Technology

 **PHOENIX Beattie**



**Continental**   
**CONTITECH**

# ContiTech Beattie Limited - Hose and Couplings Specialists to the Oil & Gas Industry

ContiTech Beattie Limited is recognised as a world leader in the design, manufacture and supply of flexible hoses, couplings and fluid transfer systems to the Oil and Gas industry. The company, which is now a wholly owned subsidiary of Continental AG, began trading over 45 years ago and has modern manufacturing facilities at its Ashington headquarters and also in Aberdeen.

ContiTech Beattie is capable of offering a comprehensive range of products and services, from flexible hose assemblies to complete fluid transfer systems. The products and services offered by the Company are split into four main business areas "Hose and Couplings", "High Pressure Drilling and Production Hoses", "Fluid Handling Systems" and "Hose Management".

Experienced engineering and project management teams meet customer requirements from conceptual stage to the delivery of fully integrated hose systems. The company can also provide installation and commissioning services, and provide training of client's personnel for both onshore and offshore projects. All products supplied are backed by extensive research and development. The company is structured to provide a worldwide service that enhances our reputation of consistently providing innovative solutions through practical design.

Quality, Safety and Environmental issues are of prime importance to ContiTech Beattie Limited and the company holds the following approvals; LRQA Quality Management System approval to ISO 9001, Environmental Management System Standard ISO 14001, Health & Safety Standard OHSAS 18001 and Lloyds Register Verification to Pressure Equipment Directive 97/23/EC.

## ContiTech Beattie Hoses

ContiTech Beattie Limited offers a complete range of Industrial and Hydraulic Hose Assemblies developed from many years experience of the Oil & Gas Industry.

All applications can be supplied in rubber, thermoplastic or flexible metallic qualities as well as custom designed hoses built to individual customer requirements. Hoses are manufactured to ContiTech Beattie exacting safety standards and all hose assemblies are fully factory tested and certified.

## ContiTech Beattie Hose Range

Application	Type	Bore Size mm	WP BAR
Air / Water	AT20	10 – 51	20
	AW30	76, 102	30
	AW40	38, 51	40
Utility	NG20	10 – 51	20
	MP20	10 – 51	20
Flexi-Metallic	T1561	6 – 38	345 - 276
	B-Flex	6 – 250	250 – 6
Oil / Fuel	DO10	51 – 305	10
	DO20	51 – 305	20
Bulk Materials	BM10	102 – 254	10
	LM40	75 – 127	40
Concrete	CP85	51 – 127	85
Potable Water	PW20	51 – 203	20
	PW10	76 – 127	10
	WC10	76 – 102	10
Chemical	WC16	102	16
	XL16	19 – 102	16
UP16	UP16	25 – 102	16
	Hydraulic	1SN	4.8 – 51
2SN		4.8 – 51	415 – 80
4SP		10 – 51	445 – 165
4SH		19 – 51	420 – 250
R13		6.3 – 51	776 – 345
BX20		25, 51	345
Thermoplastic	BW7	5 – 25	345 – 100
	BW8	6 – 25	448 – 138
	BT9	5 – 25	345 – 138
	BT10	5 – 13	689 – 414
	BT13	5 – 25	340 – 140
BT20	3 – 25	207 – 70	
Slimline Rotary	SLR	63 – 75	207
Steam	HW17S	13 – 51	17
Fire Rated	FS5000	6.3 – 51	345
	FW300	51 – 203	21
Heat Traced	To Customer Requirements		
Bellows	To Customer Requirements		
Umbilicals	Multi-core to Customer Requirements		

## Long Length Availability

Delivery hose in bore sizes 51mm to 152mm is available in continuous lengths of 200 metres plus.



## ContiTech Beattie Fireshield Hose

Fireshield Hose has been designed to meet the Oil Industry requirement for high pressure fire rated hoses in the safety critical applications of Blow Out Preventer Control (BOP Hose) and Fire Water Deluge Hose. Both Hoses are used worldwide on Offshore Platforms and are renowned for their quality and long trouble free service life.

The latest addition to the Fireshield Range, fire rated diesel hose is the optimal choice for safe suction and delivery of oil/fuel in high risk areas. It is also suitable for seawater, mud and other typical offshore duties.

This range is fire rated by Lloyds Register of Shipping and meet DNV Requirements.

Type	Bore Size mm	WP BAR	Lining	Cover
Fireshield 5000	6.3 – 51	345	CR	CR
Firewater 300	51 – 203	21	CR	CR
Fireshield Diesel	51 – 203	16	NBR	CR

## ContiTech Beattie Salamander Hose

The Salamander range of Floating Hose is designed to transfer fluids or materials between supply vessels and fixed platforms, providing a high quality solution to the problem of low hose buoyancy and snagging during supply operations.



Integral buoyancy layers eliminate the need for separate tie-on flotation collars that can move in service and affect buoyancy of the hose. The built-in flotation capability is designed to meet OCIMF reserve buoyancy requirements and removes the possibility of hoses sinking below the surface and impeding the supply vessel operation. High visibility is maintained by use of brightly coloured bands on the hose body.

The Salamander range offers Bulk Material, Diesel, Liquid Mud and Potable Water hoses, with reinforcement of high tensile steel wire helices and textile cord, multiple layers of PE foam for flotation and black CR/BR blend covers that are abrasion, ozone and hydrocarbon resistant.

Type	Bore Size mm	WP BAR	Lining	Cover
Bulk Material	102 – 127	20	SBR/NR	IR/BR
Fuel and Oil	102 – 127	20	NBR	CR/BR
Liquid mud	102	40	NBR	CR/BR
Potable water	76 – 127	20	UHMWPE	CR/BR

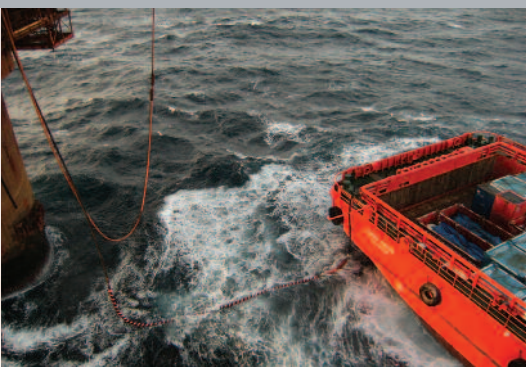
## ContiTech Beattie Couplings

The ContiTech Beattie Coupling range complements the Industrial and Hydraulic Hose range and provides the ideal solution to all Coupling requirements. Included in the range are:

- QR Quick release self sealing couplings including the renowned QR74 high pressure fire rated coupling for use on Fireshield BOP hose.
- Weaklink couplings meeting the industry need for a drybreak weaklink in hose strings.
- Pressure balanced high pressure weaklink couplings for extra safety on drybreak applications up to 345 bar working pressure.
- Safelock couplings providing the ideal safe connection for low pressure air, water or gas applications.
- Multi coupling stab plates can be designed to customer requirements to supplement a complete range of standard Industrial and Hydraulic fittings and flanges.

Coupling Type	Bore Size mm	Working Pressure BAR	Pressure (PSI)
QR5	25	345	(5000)
QR8	10, 19, 25	20	(300)
QR9	10, 19, 25	620	(9000) to 275 (4000)
QR10	6.3	690	(10000)
QR45	10 to 51	275	(4000) to 55 (800)
QR74 (Fire rated)	10 to 51	345	(5000) to 207 (3000)
Safelock	13 to 38	20	(300)
Weaklink Breakaway	51 to 127	20	(300)
Stab Plate	To Customer Requirements		

All ContiTech Beattie Couplings meet the highest safety standards and are fully factory tested and certified.



# Delivering Flexible Engineering Excellence

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The information and specifications given in this document are correct at the time of going to print, though there may be changes and amendments made at a later date. For up to date information please contact us.

