



HEBEI QIANLI RUBBER PRODUCTS CO., LTD.

DRILLIN HOSE

T E C H N I C A L D A T A



Quality Assurance

Safety Of Mechanical Parts



ABOUT OUR COMPANY

Owing to over twenty years market experiences in supplying high-pressure flexible oilfield rubber hoses, Hebei Qianli Rubber Products Co., Ltd. has been an important partner of many famous customers including America, East Asia, Africa and other countries and regions in the world.

Oilfield drilling hoses are vital components for rig drilling systems. Rotary drilling hose, mud hose, cement hose, Kelly hose, vibrator hose are working under high-pressure. Once the hose failure, it will cause catastrophic damage to the equipment, body health and property. Our professional engineers can help you solve any problem in safe storage, handling and other technical problems.

Our drilling hoses are equipped with API end fittings - flanges, NPT threads and butt-weld unions to meet requirements on the market. Bespoke end fittings are also available.

Hose quality is our life. It is our aim to provide constantly high level of quality. All production processes and procedures have been strictly inspected. The final inspection before shipment is the strictest and any inferior products are not allowed in our company. When you purchase our products, we will provide considerable after-sales service. If the drill rotary hoses fail in warranty time, they can be returned without costing you one cent of shipment.

Neil Zhang
Trading Manager



Drilling Hose

It is composed of three parts: tube, reinforcement and cover. Tube is made from high quality NBR, which is highly resistant to abrasion, corrosion and oils. Reinforcement is made from multiple layers of high tensile steel wire, cords, wound and middle rubber layer. Cover is made from CR or NBR, making the rotary drilling hose resistant to abrasion, corrosion, weather, ozone and aging.

Grade B rotary drilling hose



Grade B rotary drilling hose is used for water well operations or well core drill at the pressure of 2000 psi (15 MPa). They are suitable for conveying mud, cement or air.

Construction:

Tube: Black NBR. Oil, abrasion and corrosion resistant.

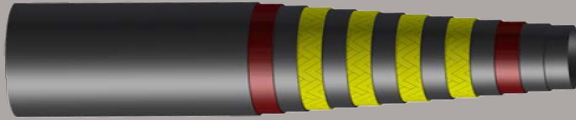
Reinforcement: Two layers of steel wire and multiple plies of cords, two spiral wound.

Cover: Black, neoprene (CR), Grade B. Oil, abrasion and weather resistant.

Operating temperature: -40 °F to +200 °F.

Specification	ID	OD	Working pressure	Test pressure	Burst pressure	Min bending radius	Weight
	mm	mm	MPa	MPa	MPa	mm	kg/m
38 × 2SP	38 ± 0.8	51 ± 1.5	15	36	54	580	2.60
51 × 2SP	51 ± 0.8	65 ± 1.5	15	30	45	720	3.42
64 × 2SP	64 ± 1.0	78 ± 1.5	15	30	45	790	4.10
76 × 2SP	76 ± 1.0	99 ± 1.5	15	30	45	920	12
102 × 2SP	102 ± 2.0	130 ± 2.0	15	30	45	1200	14

Grade D rotary drilling hose



Grade D Rotary Vibrator, Drilling, and De-coker Hose is designed as the flexible connection between the standpipe and swivel for pumping mud at a very high pressure in oil drilling and exploration. The Grade D rotary drilling hose is also suitable for refinery de-coker service. This hose features high strength spiral steel wire reinforcement which provides a very flexible connection capability of withstanding high pumping pressures at API Grade D working pressures. The neoprene (CR) cover and NBR tube provide excellent resistance to heat, oil, mud, weather and abrasion.

Construction:

Tube: Black NBR. Oil, abrasion and corrosion resistant.

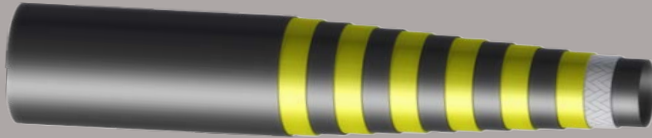
Reinforcement: Four layers of steel wire and multiple plies of cords, two spiral wound.

Cover: Black, neoprene (CR), Grade D. Oil, abrasion and weather resistant.

Operating temperature: -40 °F to +200 °F.

Specification	ID	OD	Working pressure	Test pressure	Burst pressure	Min bending radius	Weight
	mm	mm	MPa	MPa	MPa	mm	kg/m
32 × 4SP	32 ± 0.8	49 ± 1.5	35	46	96	460	3.12
38 × 4SP	38 ± 1.0	56 ± 1.5	35	37.5	75	560	4.31
45 × 4SP	45 ± 1.0	61.8 ± 1.5	35	34.5	69	650	4.87
64 × 4SP	64 ± 1.2	84 ± 1.5	35	70	87.5	1100	6.7
76 × 4SP	76 ± 1.4	107 ± 2.0	35	70	87.5	1200	16.5
89 × 4SP	89 ± 1.4	120 ± 2.0	35	70	87.5	1400	18.4

Grade E rotary drilling hose



Grade E rotary & vibrator hose is designed for using in high pressure rotary service applications in drilling and exploration work at API Grade E working pressures. Our vibrator hose is designed as a high pressure vibration dampener between the mud pump and the stand pipe.

Construction:

Tube: Black NBR. Oil, abrasion and corrosion resistant.

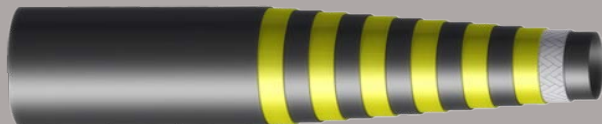
Reinforcement: Six layers of steel wire and multiple plies of cords, two spiral wound.

Cover: Black, neoprene (CR), Grade E. Oil, abrasion and weather resistant.

Operating temperature: -40 °F to +200 °F.

Specification	ID	OD	Working pressure	Test pressure	Burst pressure	Min bending radius	Weight
	mm	mm	MPa	MPa	MPa	mm	kg/m
32 × 6SP	32 ± 0.8	50.4 ± 1.5	50	90	135	530	3.79
38 × 6SP	38 ± 1.0	57.6 ± 1.5	50	90	135	660	5.76
51 × 6SP	51 ± 1.0	73 ± 1.5	50	140	175	1000	6.2

Grade F rotary drilling hose



Grade F rotary & vibrator hose is designed for using in high pressure rotary service applications in drilling and exploration work at API Grade F working pressures. Our vibrator hose is designed as a high pressure vibration dampener between the mud pump and the stand pipe.

Construction:

Tube: Black NBR. Oil, abrasion and corrosion resistant.

Reinforcement: Six layers of steel wire and multiple plies of cords, two spiral wound.

Cover: Black, neoprene (CR), Grade F. Oil, abrasion and weather resistant.

Operating temperature: -40 °F to +200 °F.

Specification	ID	OD	Working pressure	Test pressure	Burst pressure	Min bending radius	Weight
	mm	mm	MPa	MPa	MPa	mm	kg/m
64 × 6SP	64 ± 1.2	88 ± 1.5	70	140	175	1200	7.4
76 × 6SP	76 ± 1.4	117 ± 2.0	70	140	175	1300	23.7
89 × 6SP	89 ± 1.4	129 ± 2.0	70	140	175	1400	26.6
102 × 6SP	102 ± 1.5	146 ± 2.0	70	140	175	1600	29.8

When you contact us,
please provide your
detail requirements.

That will help us give
you a valid
quotation.



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