

High-Pressure Rotary Drilling Hose/ Vibrator Hose/ Cement Hose (Built-In Coupling)



- **Application:** Commonly used in drilling, cementing and work-over service as flexible connection for mud manifold, cement manifold to transport water-base mud, oil base mud and washing fluid at high pressure in large volumes.

Hose Structure:

- **Tube:** Synthetic rubber, oil resistance, weak acid and alkali resistance, 2-8 layers of high tensile steel wire spiral reinforcement.
- **Cover:** Oil resistance, weather proof and anti-ageing
- **Fitting type:** Built-in type, Hammer Union, Flange and Hub as clients Requirements.
- **Standard:** API 7K Spec.
- **API Monogram No:** 7K-0556
- **Working Temperature:** -20°C To + 82°C, -20°C To + 100°C, -20°C To + 121°C,
- **Flexibility Specification Level:** FSL 0, FSL 1 & FSL 2
- **Maximum continuous length:** 30 Meter.
- **Length tolerance:** Length up to 6 meters, with tolerance $\pm 65\text{mm}$; Length longer than 6 meters with tolerance $\pm 1\%$.
- **Measurement basis of Minimum Bending Radius (MBR) is center line of each hose.**

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 Internal Diameter		 Working Pressure		 Test Pressure		 Safety Coefficient	 MBR (Operation)		 Length Max	Weight	Part Number
(inch)	(mm)	(bar)	(psi)	(bar)	(psi)		(mtr.)	(inch)	(mtr.)	Kg/m	
GRADE D											
2	50.8	345	5,000	517	7,500	2.5	0.9	36	45	7.5	MH-11
2.5	63.5	345	5,000	517	7,500	2.5	0.9	36	45	11.5	MH-12
3	76.2	345	5,000	517	7,500	2.5	1.2	48	45	15	MH-13
3.5	88.9	345	5,000	517	7,500	2.5	1.4	54	45	19.3	MH-14
4	101.6	345	5,000	517	7,500	2.5	1.4	54	45	24	MH-15
5	127	345	5,000	517	7,500	2.5	1.5	60	45	39	MH-16
GRADE E											
2.5	63.5	517	7,500	776	11,250	2.5	1.2	48	45	18.6	MH-18
3	76.2	517	7,500	776	11,250	2.5	1.2	48	45	25	MH-19
3.5	88.9	517	7,500	776	11,250	2.5	1.4	55	45	30	MH-20
4	101.6	517	7,500	776	11,250	2.5	1.5	60	45	35	MH-21
5	127	517	7,500	776	11,250	2.5	1.8	72	45	56	MH-22
Cement Hoses											
2	50.8	690	10,000	1034	15,000	2.25	1.2	48	45	12.5	MH-24
2	50.8	1034	15,000	1552	22,500	2.25	1.4	55	45	18.3	MH-28
2.5	63.5	690	10,000	1034	15,000	2.25	1.2	48	45	21	MH-25
2.5	63.5	1034	15,000	1552	22,500	2.25	1.5	60	45	26	MH-29
3	76.2	690	10,000	1034	15,000	2.25	1.5	60	45	33.5	MH-26
3	76.2	1034	15,000	1552	22,500	2.25	1.6	64	45	38	MH-30
4	101.6	690	10,000	1034	15,000	2.25	1.8	72	45	46.5	MH-27

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