

DRILLING HOSE / ROTARY HOSE

Drilling Hose/ Rotary Hose

Drilling hose (Rotary hose), made according to API 7K spec, applies for flexible hose connection between the top of oil drilling stand pipe and vertical moved swivel joint in well drilling, well cementing, work-over and down hole servicing operation. Drilling hose is also used to adjust the installation mistake between drilling pipe line and stand pipe to avoid shake. Sometimes to transfer high pressure oil or water base mud with the lowest aniline point of 60°C from the swivel pipe in high pressure, and down-hole operation high medium such as water, oil etc., drilling rotary hose can be used for perfect work too.



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Technical Specification of A, B, C Rank Drilling Hose / Rotary Hose

Rotary Hose I.D.		O.D.	Rank	Working Pressure		Test Pressure		Min. Bending Radius	Reference Weight	Max. Length(m)	Connection
mm	In	mm		MPa	Psi	MPa	Psi				
51	2	68.6	A	11	1,500	21	3,000	800	3.17	30	TBGLP
51	2	69	B	14	2,000	28	4,000	800	3.49	30	
51	2	74.4	C	28	4,000	56	8,000	850	5.96	30	
63.5	2-1/2	81.9	A	11	1,500	21	3,000	900	4.23	30	TBGLP
63.5	2-1/2	82.3	B	14	2,000	28	4,000	900	4.54	30	
63.5	2-1/2	87.7	C	28	4,000	56	8,000	1,000	7.26	30	
76	3	95.2	A	11	1,500	21	3,000	950	7.92	30	TBGLP
76	3	100.1	B	14	2,000	28	4,000	950	8.49	30	
76	3	108.8	C	28	4,000	56	8,000	1,050	14.66	30	
89	3-1/2	117.3	A	11	1,500	21	3,000	1,000	7.30	30	TBGLP
89	3-1/2	119.5	B	14	2,000	28	4,000	1,000	7.90	30	
89	3-1/2	122.8	C	28	4,000	56	8,000	1,100	17.44	30	
102	4	128.4	A	11	1,500	21	3,000	1,050	9.55	30	TBGLP
102	4	138.8	B	14	2,000	28	4,000	1,050	11.61	30	
102	4	147.4	C	28	4,000	56	8,000	1,100	21.95	30	
127	5	150.0	A	11	1,500	21	3,000	1,200	10.10	30	TBGLP
127	5	154.1	B	14	2,000	28	4,000	1,200	12.25	30	
127	5	163.0	C	28	4,000	56	8,000	1,300	24.20	30	
152	6	180.0	A	11	1,500	21	3,000	1,300	28.20	30	TBGLP
152	6	185.0	B	14	2,000	28	4,000	1,300	30.80	30	
152	6	196.0	C	28	4000	56	8000	1400	44.40	30	

Technical Specification of D, E, F Rank Drilling Hose / Rotary Hose

Rotary Hose I.D.		O.D.	Rank	Working Pressure		Test Pressure		Min. Bending Radius	Reference Weight	Max. Length m	Connection
mm	In	mm		MPa	Psi	MPa	Psi				
51	2	75.0	D	35	5,000	70	10,000	850	8.21	30	TBGLP
51	2	80.6	E	52	7,500	105	15,000	900	10.45	30	
51	2	83.2	F	70	10,000	105	15,000	950	11.78	30	
63.5	2-1/2	107.0	D	35	5,000	70	10,000	1,000	12.62	30	TBGLP
63.5	2-1/2	110.0	E	52	7,500	105	15,000	1,050	16.84	30	
63.5	2-1/2	114.0	F	70	10,000	105	15,000	1,100	19.99	30	
76	3	120.0	D	35	5,000	70	10,000	1,150	14.90	30	TBGLP
76	3	124.0	E	52	7,500	105	15,000	1,100	24.66	30	
76	3	135.0	F	70	10,000	105	15,000	1,150	25.79	30	
89	3-1/2	133.0	D	35	5,000	70	10,000	1,100	27.92	30	TBGLP
89	3-1/2	146.5	E	52	7,500	105	15,000	1,150	36.94	30	
89	3-1/2	153.0	F	70	10,000	105	15,000	1,150	40.83	30	
102	4	148.0	D	35	5,000	70	10,000	1,100	31.10	30	TBGLP
102	4	156.3	E	52	7,500	105	15,000	1,150	42.64	30	
102	4	165.0	F	70	10,000	105	15,000	1,200	50.0	30	

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