Rotary Drilling & Vibrator Hose

Application:
Flexible connection between the upper end of the standpipe and the top drive or swivel, and between the pump and the lower end of the standpipe, for pumping mud at high pressure in oil drilling, cementing and well workover. Standards: API Spec 7K, FSL 2; ABS.

Tube:
Synthetic rubber, HNBR, UPE or PTFE

Reinforcement:
Multi-spiraled high tensile super flexible steel wire

Cover:
Abrasion and weather resistant synthetic rubber

Size range:
2" – 6" (51 mm – 152 mm)

Working pressure:
1,500–7,500 PSI by grade

Temperature:
-4°F/+250°F (-20°C/+121°C)

Best for:
Rotary drilling mud lines; cementing and well workover

Marking:
PARAGON



ID		OD		WORKING PRESSURE		PROOF PRESSURE		BURST PRESSURE		BEND RADIUS		WEIGHT	
in	mm	in	mm	PSI	bar	PSI	bar	PSI	bar	in	mm	lb/ft	kg/m
2"	51	2.68	68	1500	103	2250	155	3750	259	31.5	800	2.91	4.33
2½"	64	3.31	84	1500	103	2250	155	3750	259	31.5	800	3.78	5.63
2"	51	2.68	68	2000	138	3000	207	5000	345	31.5	800	2.91	4.33
2½"	64	3.31	84	2000	138	3000	207	5000	345	31.5	800	3.78	5.63
3"	76	3.82	97	2000	138	3000	207	5000	345	37.4	950	4.39	6.53
3½"	89	4.45	113	2000	138	3000	207	5000	345	39.37	1000	5.74	8.54
4"	102	5	127	2000	138	3000	207	5000	345	39.37	1000	7.03	10.46
5"	127	6.18	157	2000	138	3000	207	5000	345	47.24	1200	9.46	14.08
6"	152	7.2	183	2000	138	3000	207	5000	345	51.18	1300	12.16	18.1
2"	51	2.83	72	4000	276	6000	414	10000	689	31.5	800	4.32	6.43
2½"	64	3.43	87	4000	276	6000	414	10000	689	31.5	800	5.88	8.75
3"	76	4.02	102	4000	276	6000	414	10000	689	39.37	1000	7.5	11.16
3½"	89	4.69	119	4000	276	6000	414	10000	689	47.24	1200	9.73	14.48
4"	102	5.2	132	4000	276	6000	414	10000	689	47.24	1200	10.81	16.09
5"	127	6.38	162	4000	276	6000	414	10000	689	55.12	1400	16.55	24.63
6"	152	7.64	194	4000	276	6000	414	10000	689	59.06	1500	22.3	33.19
2"	51	2.95	75	5000	345	7500	517	12500	862	31.5	800	4.32	6.43
2½"	64	3.54	90	5000	345	7500	517	12500	862	31.5	800	5.88	8.75
3"	76	4.09	104	5000	345	7500	517	12500	862	39.37	1000	7.5	11.16
3½"	89	4.76	121	5000	345	7500	517	12500	862	47.24	1200	9.73	14.48
4"	102	5.28	134	5000	345	7500	517	12500	862	47.24	1200	10.81	16.09
5"	127	6.46	164	5000	345	7500	517	12500	862	55.12	1400	16.55	24.63
6"	152	7.72	196	5000	345	7500	517	12500	862	62.99	1600	22.3	33.19
2"	51	3.03	77	7500	517	11250	776	18750	1293	35.43	900	5.74	8.54
2½"	64	3.7	94	7500	517	11250	776	18750	1293	39.37	1000	7.09	10.55
3"	76	4.33	110	7500	517	11250	776	18750	1293	39.37	1000	12.5	18.6
3½"	89	5.04	128	7500	517	11250	776	18750	1293	47.24	1200	13.51	20.11
4"	102	5.91	150	7500	517	11250	776	18750	1293	55.12	1400	20.27	30.17
5"	127	7.28	185	7500	517	11250	776	18750	1293	62.99	1600	33.11	49.27
6"	152	8.35	212	7500	517	11250	776	18750	1293	62.99	1600	40.54	60.33

API 7K grades by working pressure: A 1,500 PSI · B 2,000 PSI · C 4,000 PSI · D 5,000 PSI · E 7,500 PSI.

Ends: integral union, integral flange or other connector types. Full bore can be customized to requirements.