







API 7K SERIES  
ROTARY DRILLING & SHOCK ABSORPTION HOSE

# API 7K 系列 旋转钻井和减震软管



<b>应用范围</b>	钻井、修井作业中立管上端与顶部驱动器 / 旋转装置之间和泵与立管下端之间的柔性连接，在石油钻探和勘探工作中以高压泵送泥浆。
<b>内胶层</b>	NR&SBR 合成橡胶 / HNBR/UE/PTFE。
<b>增强层</b>	2-6 层缠绕的高强超柔钢丝或钢丝绳。
<b>外胶层</b>	耐磨、耐候合成橡胶。
<b>温度范围</b>	-20°C ~+121°C (-4 °F ~+250 °F)
<b>执行标准</b>	API Spec. 7K FSL 1 FSL 2   ABS
<b>接头类型</b>	整体由壬或整体法兰。

<b>Application</b>	Flexible connection between upper end of neutral pipe and top driver/rotary device in drilling and workover operations, and between pump and lower end of riser, to pump mud at high pressure in oil drilling and exploration work.
<b>Inner rubber layer</b>	NR&SBR synthetic rubber/HNBR/UE/PTFE
<b>Enhancement layer</b>	2-6 layers of high strength super flexible wire or wire rope.
<b>Outer rubber layer</b>	Wear and weather resistant synthetic rubber
<b>Temperature range</b>	-20°C ~+121°C (-4 °F ~+250 °F)
<b>Standards</b>	API Spec. 7K FSL 1 FSL 2   ABS
<b>Joint type</b>	Integral union or integral flange

							
压力等级	软管内径 I.D.	软管外径 O.D.	工作压力 W.P.	试验压力 P.P.	最大爆破压力 Max B.P.	最小弯曲半径 Min. B.R.	重量 Weight
PRESSURE LEVEL	(in.)	(mm)	(psi)	(psi)	(psi)	(mm)	(kg/m)
1500	2	68	1500	2250	3750	800	4.3
	2 1/2	84	1500	2250	3750	800	5.6
2000	2	68	2000	3000	5000	800	4.3
	2 1/2	84	2000	3000	5000	800	5.6
	3	97	2000	3000	5000	950	6.5
	3 1/2	113	2000	3000	5000	1000	8.5
	4	127	2000	3000	5000	1000	10.4
	5	157	2000	3000	5000	1200	14.0
4000	6	183	2000	3000	5000	1300	18.0
	2	72	4000	6000	10000	800	6.4
	2 1/2	87	4000	6000	10000	800	8.7
	3	102	4000	6000	10000	1000	11.1
	3 1/2	119	4000	6000	10000	1100	14.4
	4	132	4000	6000	10000	1100	16.0
5000	5	162	4000	6000	10000	1200	24.5
	6	194	4000	6000	10000	1300	33
	2	75	5000	7500	12500	800	6.4
	2 1/2	90	5000	7500	12500	800	8.7
	3	104	5000	7500	12500	1000	11.1
	3 1/2	121	5000	7500	12500	1100	14.4
7500	4	134	5000	7500	12500	1200	16.0
	5	167	5000	7500	12500	1200	24.5
	6	196	5000	7500	12500	1300	33
	2	77	7500	11250	18750	900	8.5
	2 1/2	94	7500	11250	18750	1000	10.5
	3	110	7500	11250	18750	1000	18.5
7500	3 1/2	128	7500	11250	18750	1100	20
	4	150	7500	11250	18750	1200	30
	5	183	7500	11250	18750	1300	49
	6	212	7500	11250	18750	1300	60