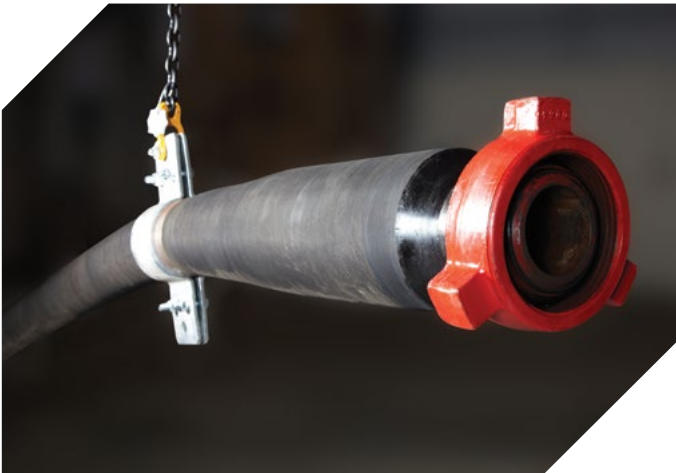




HIGH PRESSURE DRILLING HOSE

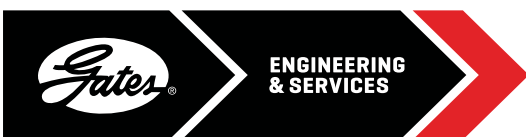
Gates Engineering & Services UK LTD manufacture our own bonded rubber hoses with spiral steel cable reinforcement and one-piece bonded in end couplings. The hoses are mandrel built in continuous lengths upto 62 metres and fully vulcanised to form a fully bonded body offering excellent flexibility. Our range covers pressures upto 15,000psi and bore size upto 8”.

Applications include Rotary Drilling, Vibrator, Mud, Cement, Hydraulic, Tensioner and Motion Compensator services. Specialist variations include integral fire resistance to Lloyds OD1000/499 at 700oC for 30 minutes, and embedded steel helix wire protection.



Certification:

- ◆ API 7K Rotary Drilling & Mud hoses Type Approved to DNV-OS-E101 & ABS CDS
- ◆ API 7K Cement Hoses Type Approved to DNV-OS-E101 & ABS CDS
- ◆ API 7K Hydraulic Tensioner Hoses Type Approved to DNV-OS-E101 & ABS CDS



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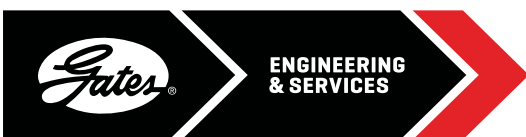
HIGH PRESSURE DRILLING HOSE

Rotary Drilling and Vibrator, Mud Delivery, and Cement Hoses Dimensions and Pressures

ID		API Grade	Working Pressure	Test Pressure	Safety Factor	Min Burst Pressure	MBR Operational	Weight	OD	Remark
inch	mm		psi	psi		psi	mtr	kg	mm	
2	51	D	5,000	7,500	2.5	12,500	1.0	15	91	
			10,000	15,000	2.25	22,500	1.2	27	119	Cement
			15,000	22,500	2.25	33,750	1.4	27	119	Cement
2.5	63.5	C	4,000	6,000	2.5	10,000	0.6	15	103	
		D	5,000	7,500	2.5	12,500	0.9	12	117	
		E	7,500	11,250	2.5	18,750	1.2	20	117	
			10,000	15,000	2.25	22,500	1.2	20	117	Cement
			15,000	22,500	2.25	33,750	1.5	48	150	Cement
3	76	C	4,000	6,000	2.5	10,000	0.7	18	120	
		D	5,000	7,500	2.5	12,500	1.2	24	133	
		E	7,500	11,250	2.5	18,750	1.2	39	142	
			10,000	15,000	2.25	22,500	1.5	39	142	Cement
			15,000	22,500	2.25	33,750	1.6	79	180	Cement
3.5	89	C	4,000	6,000	2.5	10,000	0.9	20	134	
		D	5,000	7,500	2.5	12,500	1.4	20	134	
		E	7,500	11,250	2.5	18,750	1.4	39	152	
4	102	C	4,000	6,000	2.5	10,000	1.4	27	160	
		D	5,000	7,500	2.5	12,500	1.4	44	168	
		E	7,500	11,250	2.5	18,750	1.5	52	187	
5	127	D	5,000	7,500	2.5	12,500	1.3	47	191	
		E	7,500	11,250	2.5	18,750	1.8	72	211	

Rev. 3.1

Note: MBR is taken to the centre-line of each hose



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