

# BOP Hydraulic 5000 Hose (Armoured)



Application	BOP hose is mainly used for hydraulic control of BOP. Operating pressure is 5000PSI. It can be directly exposed to flame for more than 5min at the temperature of 704°C, to ensure control system can be operated under emergencies.
Hose structure	
Tube	Black, smooth nitrile rubber, oil resistance, seawater resistance, high temperature resistance, acid & alkali resistance
Reinforcement	High tension steel wire
Fire shield layer	Glass fiber cloth
Cover	Black, chloroprene rubber, fire resistance, wear resistance, ozone & ageing resistance, oil resistance
Temperature Range	-40°C to + 121°C
Fire resistance	API 16D, 704°C x 5 minutes

Type	Internal Diameter		Outside Diameter		Working Pressure		Burst Pressure		Safety Factor	MBR (mm)	Weight (Kg/m)	Length Max (m)
	(inch)	(mm)	(inch)	(mm)	(bar)	(psi)	(bar)	(psi)				
BK506	3/8	10	1.26	32	345	5,000	1,380	20,000	4.0	152	1.6	100
BK508	1/2	12.5	1.53	39	345	5,000	1,380	20,000	4.0	229	2.0	100
BK5012	3/4	19	1.93	49	345	5,000	1,380	20,000	4.0	305	2.6	100
BK5016	1	25	1.16	55	345	5,000	1,380	20,000	4.0	381	3.7	100
BK5020	1 1/4	32	2.67	68	345	5,000	1,380	20,000	4.0	457	6.0	60
BK5024	1 1/2	38	2.95	75	345	5,000	1,380	20,000	4.0	559	7.1	60
BK5032	2	51	3.62	92	345	5,000	1,380	20,000	4.0	686	10.0	40

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