

CHOKE & KILL 5000 MEGASHIELD™

HIGH PRESSURE OILFIELD HOSE



APPLICATION

Flexible Choke and Kill lines used on a Blow Out Preventer (BOP) system to control well pressure during the drilling process. MegaShield™ hoses can be used with or without stainless steel armor. Hoses are manufactured to handle up to 20% hydrogen sulfide H₂S for 1 hour at 200 °F (93 °C) at rated working pressure.

TEMPERATURE (-30°C to +93°C) (-20°F to +200°F)

CONSTRUCTION **Tube** Type V (Flouroelastomer)

Reinforcement Multiple layers of textile fabric and steel cable

Cover Type C4 (Modified Nitrile)

STANDARDS Hose survived (Lloyds OD/1000/499) at 704°C for 22 minutes.

COUPLINGS Swaged Couplings



ID		OD		WORKING PRESSURE		BURST PRESSURE		MBR		WEIGHT		MAX HOSE LENGTH
inch	mm	inch	mm	bar	psi	bar	psi	inch	mm	kg/ft	lb/ft	ft
2 1/2	64	4.63	118	345	5000	1034	15000	36	1226	6	12	90
3	76	5.18	132	345	5000	1034	15000	48	1219	7	14	90
3 1/2	89	5.94	151	345	5000	1034	15000	54	1372	8	18	90
4	102	6.65	169	345	5000	1034	15000	60	1524	13	28	90

Gates Corporation is a leading manufacturer of application-specific fluid power and power transmission solutions. At Gates, we are driven to push the boundaries of materials science to engineer products that continually exceed expectations.