

Steel Wire Ropes for Rotary Drilling to API SPEC 9A.

6X19 (9/9/1) "Seale" or 6X26WS Construction, regular lay with I.W.R.C.

Nominal Diameter		Approx weight		Nominal Breaking Strength					
				Improved plough steel			Extra improved plough steel		
ins	mm	Lbs/ft	Kg/m	lbs	kN	tonnes	lbs	kN	tonnes
1	26	1.85	2.75	89800	399	40.7	103400	460	46.9
1.1/8	28	2.34	3.48	113000	503	51.3	130000	578	59.0
1.1/4	32	2.89	4.30	138800	617	63.0	159800	711	72.5
1.3/8	35	3.50	5.21	167000	743	75.7	192000	854	87.1
1.1/2	38	4.16	6.19	197800	880	89.7	228000	1010	103.0
1.5/8	42	4.88	7.26	230000	1020	104.0	264000	1170	120.0

Manufactured, tested & certified to the standards laid down by the American Petroleum Institute.

Produced from specially selected materials of the highest quality

Lubricated internally & externally with eco friendly lubricant.

In collaboration with the travelling & crown blocks, through which it is reeved, the drill line carries out a huge amount of lifting and lowering required during the daily operation of the rig. The conditions in which the drill line operates are not ideal, this application calls for a rope which can best withstand fatigue caused by bending at speed around sheaves, whilst retaining the ability to resist abrasion and crushing. The optimum mix of these properties is found in a wire rope of basic 6 strand construction, most notably 6X19 (9/9/1) & 6X26(10/5+5/5/1).