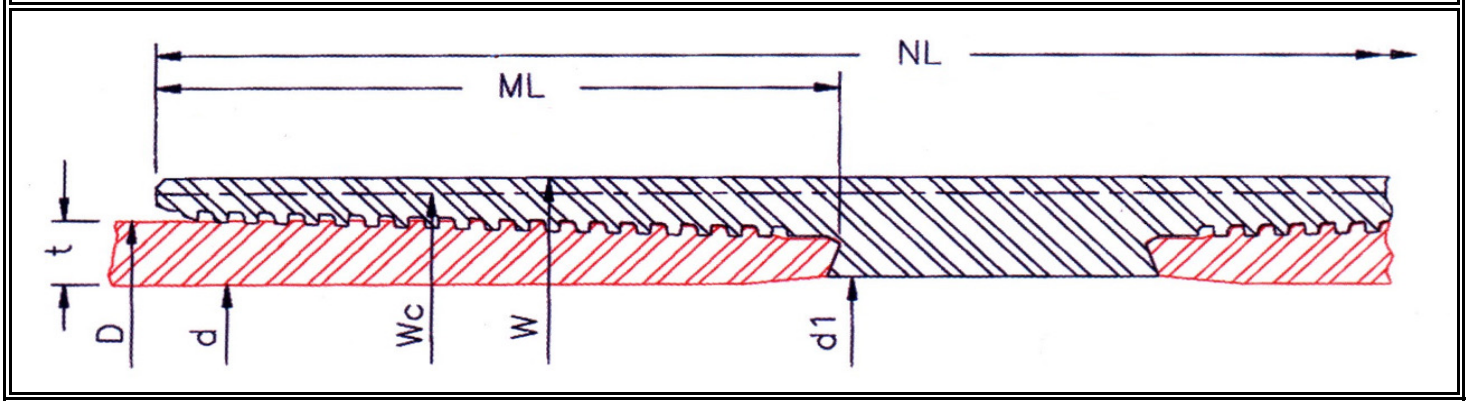
TECHNICAL INFORMATION

HSC High Sealed & Coupled

TUBING

SIZE:	101.60mm (4")
NOMINAL WEIGHT:	22.02 kg/m (14.80 lb/ft)
WALL THICKNESS:	9.65mm (0.380")
THREADS PER INCH:	6



PIPE BODY	OUTSIDE DIA. (mm)	D	101.6	INSIDE DIA. (mm)		d	82.3	DRIFT DIA. (mm)		79.12	PLAIN END WT (kg/m)		21.86
	GRADE			55	N80	80	90	95	C110	110	C125	125	140	150
	COLLAPSE RESISTANCE (MPa)			65.2	94.8	94.8	106.7	112.6	130.4	130.4	148.2	148.2	166	177.8
	INTERNAL YIELD PRESSURE (MPa)			63	91.7	91.7	103.2	108.9	126.1	126.1	143.3	143.3	160.5	171.9
	BODY YIELD STRENGTH (kN)			1057	1538	1538	1730	1826	2115	2115	2403	2403	2691	2883
	ULTIMATE STRENGTH (kN)			1826	1922	1826	1922	2018	2211	2403	2499	2595	2883	3076
	YIELD TORQUE (N.m)			25680	37350	37350	42020	44350	51350	51350	58360	58360	65360	70030
MAKE UP	RECOMMENDED MAKEUP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0													
	REGULAR (N.m)	MINIMUM		5300	7320	7320	8470	8470	9720	9720	11050	11050	11900	13060
		OPTIMUM		5880	8130	8130	9410	9410	10790	10790	12270	12270	13220	14510
		MAXIMUM		6470	8950	8950	10340	10340	11860	11860	13490	13490	14530	15960
	SPECIAL CLEARANCE (N.m)	MINIMUM		4770	6590	6590	7630	7630	8750	8750	9950	9950	10590	11610
		OPTIMUM		5300	7320	7320	8470	8470	9710	9710	11050	11050	11900	13060
		MAXIMUM		5820	8050	8050	9310	9310	10680	10680	12150	12150	13220	14510
CONNECTION	COLLAPSE RESISTANCE (MPa)			65.2	94.8	94.8	106.7	112.6	130.4	130.4	148.2	148.2	166	177.8
	INTERNAL YIELD PRESSURE (MPa)			63	91.7	91.7	103.2	108.9	126.1	126.1	143.3	143.3	160.5	171.9
	MAXIMUM LOAD OF COUPLING FACE (kN)	REGULAR		781	1136	1136	1277	1348	1561	1561	1774	1774	1987	2129
		S.C.		535	778	778	875	924	1069	1069	1215	1215	1361	1458
				PARTING LOAD (kN)										
	REGULAR COUPLING			1610	1759	1683	1788	1879	2075	2228	2347	2424	2696	2878
	S.C. COUPLING			1455	1531	1455	1531	1608	1761	1914	1991	2067	2297	2450

		OUTSIDE DIA. (mm)	INSIDE DIA. (mm)	WEIGHT (kg)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (m^3)
COUPLING OUTSIDE DIAMETER	W	117.09	85.24	5.87	107	0.02606
	Wc	113.51	85.24	4.71	84	0.02592
COUPLING LENGTH (mm)	NL	227.33	The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information.			
MAKE UP LOSS (mm)	ML	89.61				