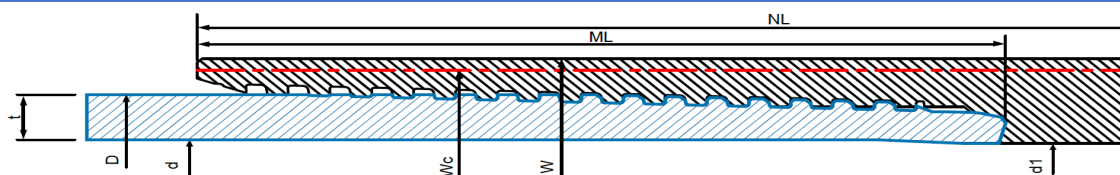


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	5 1/2"
WEIGHT:	29.70 lb/ft
WALL THICKNESS:	0.562"
DRIFT (API):	4.251"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.500 INSIDE DIA.(in): 4.376 Plain End Weight: 29.67 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	N80	90	95	110	C110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	80	90	95	110	110	125
	MAXIMUM YIELD STRENGTH (ksi)	95	110	105	110	140	120	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	100	105	125	115	135
	PIPE BODY YIELD STRENGTH (klb)	697	697	785	828	959	959	1090
	INTERNAL YIELD PRESSURE (psi)	14310	14310	16090	16990	19670	19670	22350
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	8.718	8.718	8.718	8.718	8.718	8.718	8.718
	COLLAPSE PRESSURE (psi)	14670	14670	16510	17430	20180	20180	22930

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	6.373	6.373	6.373	6.373	6.373	6.373	6.373
	NOMINAL CONNECTION ID (in)	4.334	4.334	4.334	4.334	4.334	4.334	4.334
	MAKE-UP LOSS (in)	4.382	4.382	4.382	4.382	4.382	4.382	4.382
	COUPLING LENGTH (in)	10.750	10.750	10.750	10.750	10.750	10.750	10.750
	EFFICIENCY							
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	436	436	491	518	600	600	682

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	697	697	785	828	959	959	1090
		COMPRESSION WITH SEALABILITY (klb)	697	697	785	828	959	959	1090
	RESISTANCE	INTERNAL PRESSURE (psi)	14310	14310	16090	16990	19670	19670	22350
		EXTERNAL PRESSURE (psi)	14670	14670	16510	17430	20180	20180	22930
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	67	67	75	79	92	92	104
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	N80	90	95	110	C110	125
REGULAR	MINIMUM (ft.lb)	15050	15050	17000	17000	18900	18900	20850
	OPTIMUM (ft.lb)	16650	16650	18800	18800	21000	21000	23150
	MAXIMUM (ft.lb)	18250	18250	20600	20600	23100	23100	25450
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	840	840	940	940	1050	1050	1160
	MAXIMUM (ft.lb)	11650	11650	13160	13160	14700	14700	16200
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	MAXIMUM	0.100	0.100	0.100	0.100	0.100	0.100	0.100

The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.