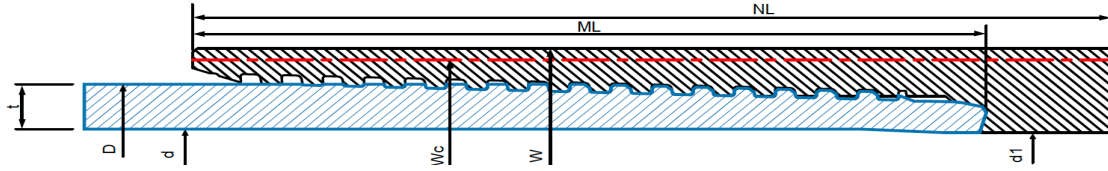


TECHNICAL INFORMATION



HSC MAX®

SIZE:	4"
WEIGHT:	16.10 lb/ft
WALL THICKNESS:	0.415"
DRIFT (API):	3.045"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.000 INSIDE DIA. (in): 3.170 Plain End Weight: 15.90 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)	374	374	421	444	514	514	584
	INTERNAL YIELD PRESSURE (psi)	14530	14530	16340	17250	19970	19970	22700
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	4.674	4.674	4.674	4.674	4.674	4.674	4.674
	COLLAPSE PRESSURE (psi)	14880	14880	16740	17670	20460	20460	23250

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	4.602	4.602	4.602	4.602	4.602	4.602	4.602
	NOMINAL CONNECTION ID (in)	3.130	3.130	3.130	3.130	3.130	3.130	3.130
	MAKE-UP LOSS (in)	4.041	4.041	4.041	4.041	4.041	4.041	4.041
	COUPLING LENGTH (in)	9.090	9.090	9.090	9.090	9.090	9.090	9.090
	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)	220	220	247	261	302	302	343

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	374	374	421	444	514	584
		COMPRESSION WITH SEALABILITY (klb)	374	374	421	444	514	584
	RESISTANCE	INTERNAL PRESSURE (psi)	14530	14530	16340	17250	19970	22700
		EXTERNAL PRESSURE (psi)	14880	14880	16740	17670	20460	23250
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	92	92	103	109	126	143
		WITH SEALABILITY (degree/100ft)	30	30	30	30	30	30

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
REGULAR	MINIMUM (ft.lb)	7070	7070	7380	7380	7650	7650	7880
	OPTIMUM (ft.lb)	7850	7850	8190	8190	8500	8500	8750
	MAXIMUM (ft.lb)	8630	8630	9000	9000	9350	9350	9620
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	400	400	410	410	430	430	440
	MAXIMUM (ft.lb)	5490	5490	5730	5730	5950	5950	6120
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.