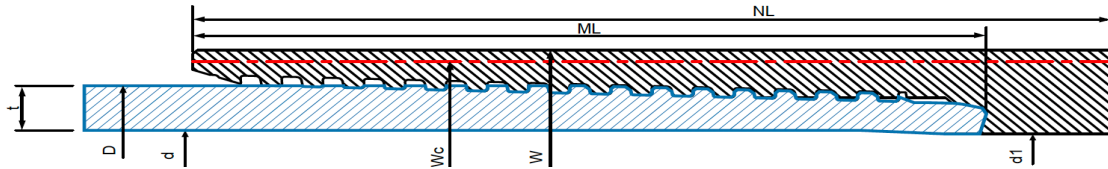


TECHNICAL INFORMATION



HSC MAX®

SIZE:	4"
WEIGHT:	16.50 lb/ft
WALL THICKNESS:	0.430"
DRIFT (API):	3.015"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.000 INSIDE DIA. (in): 3.140 Plain End Weight: 16.41 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)	386	386	434	458	531	531	603
	INTERNAL YIELD PRESSURE (psi)	15050	15050	16930	17870	20690	20690	23520
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	4.823	4.823	4.823	4.823	4.823	4.823	4.823
	COLLAPSE PRESSURE (psi)	15350	15350	17270	18230	21110	21110	23990

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	4.623	4.623	4.623	4.623	4.623	4.623	4.623
	NOMINAL CONNECTION ID (in)	3.106	3.106	3.106	3.106	3.106	3.106	3.106
	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)	229	229	258	272	315	315	358

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	386	386	434	458	531	531	603
		COMPRESSION WITH SEALABILITY (klb)	386	386	434	458	531	531	603
	RESISTANCE	INTERNAL PRESSURE (psi)	15050	15050	16930	17870	20690	20690	23520
		EXTERNAL PRESSURE (psi)	15350	15350	17270	18230	21110	21110	23990
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	92	92	103	109	126	126	143
		WITH SEALABILITY (degree/100ft)	30	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)	7400	7400	7740	7740	8010	8010	8280
	OPTIMUM (ft.lb)	8220	8220	8600	8600	8900	8900	9200
	MAXIMUM (ft.lb)	9040	9040	9460	9460	9790	9790	10120
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	420	420	430	430	450	450	460
	MAXIMUM (ft.lb)	5750	5750	6020	6020	6230	6230	6440
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.