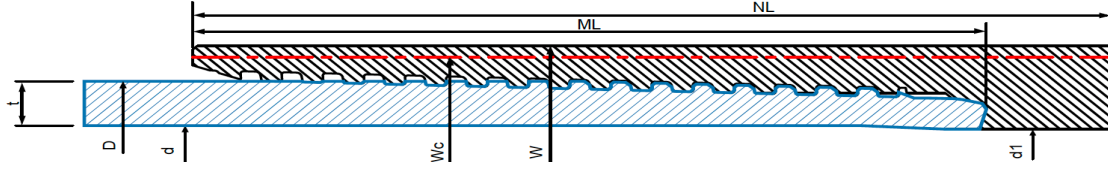


TECHNICAL INFORMATION

HSC MAX®



SIZE:	3 1/2"
WEIGHT:	14.30 lb/ft
WALL THICKNESS:	0.430"
DRIFT (API):	2.515"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 2.640 Plain End Weight: 14.11 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)	332	332	373	394	456	456	518
	INTERNAL YIELD PRESSURE (psi)	17200	17200	19350	20430	23650	23650	26880
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	4.147	4.147	4.147	4.147	4.147	4.147	4.147
	COLLAPSE PRESSURE (psi)	17240	17240	19400	20480	23710	23710	26940

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	4.118	4.118	4.118	4.118	4.118	4.118	4.118
	NOMINAL CONNECTION ID (in)	2.620	2.620	2.620	2.620	2.620	2.620	2.620
	MAKE-UP LOSS (in)	3.819	3.819	3.819	3.819	3.819	3.819	3.819
	COUPLING LENGTH (in)	8.620	8.620	8.620	8.620	8.620	8.620	8.620
	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)	201	201	226	238	276	276	313

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	332	332	373	394	456	456	518
		COMPRESSION WITH SEALABILITY (klb)	332	332	373	394	456	456	518
	RESISTANCE	INTERNAL PRESSURE (psi)	17200	17200	19350	20430	23650	23650	26880
		EXTERNAL PRESSURE (psi)	17240	17240	19400	20480	23710	23710	26940
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	105	105	118	124	144	144	164
		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		80	N80	90	95	110	C110	125
REGULAR	MINIMUM (ft.lb)	5900	5900	6340	6340	6570	6570	6790
	OPTIMUM (ft.lb)	6550	6550	7040	7040	7300	7300	7540
	MAXIMUM (ft.lb)	7200	7200	7740	7740	8030	8030	8290
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	330	330	360	360	370	370	380
	MAXIMUM (ft.lb)	4580	4580	4920	4920	5110	5110	5270
DELTA TURN (turns)	MINIMUM	0.010	0.01	0.010	0.010	0.010	0.01	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.