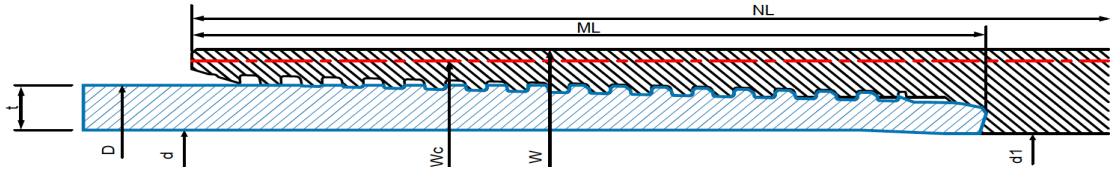


TECHNICAL INFORMATION



HSC MAX®

SIZE:	3 1/2"
WEIGHT:	7.70 lb/ft
WALL THICKNESS:	0.216"
DRIFT (API):	2.943"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 3.068 Plain End Weight: 7.58 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)	178	178	201	212	245	245	279
	INTERNAL YIELD PRESSURE (psi)	8640	8640	9720	10260	11880	11880	13500
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	2.228	2.228	2.228	2.228	2.228	2.228	2.228
	COLLAPSE PRESSURE (psi)	7870	7870	8540	8850	9730	9730	10500

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	3.847	3.847	3.847	3.847	3.847	3.847	3.847
	NOMINAL CONNECTION ID (in)	3.022	3.022	3.022	3.022	3.022	3.022	3.022
	MAKE-UP LOSS (in)	3.032	3.032	3.032	3.032	3.032	3.032	3.032
	COUPLING LENGTH (in)	7.050	7.050	7.050	7.050	7.050	7.050	7.050
	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)	92	92	104	109	127	127	144

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	178	178	201	212	245	245	279
		COMPRESSION WITH SEALABILITY (klb)	178	178	201	212	245	245	279
	RESISTANCE	INTERNAL PRESSURE (psi)	8640	8640	9720	10260	11880	11880	13500
		EXTERNAL PRESSURE (psi)	7870	7870	8540	8850	9730	9730	10500
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	105	105	118	124	144	144	164
		WITH SEALABILITY (degree/100ft)	30	30	30	30	30	30	30

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (ft.lb)	2040	2040	2130	2130	2220	2220	2350
		OPTIMUM (ft.lb)	2260	2260	2360	2360	2460	2460	2610
		MAXIMUM (ft.lb)	2480	2480	2590	2590	2700	2700	2870
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	120	120	120	120	130	130	140
		MAXIMUM (ft.lb)	1580	1580	1650	1650	1720	1720	1820
	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.