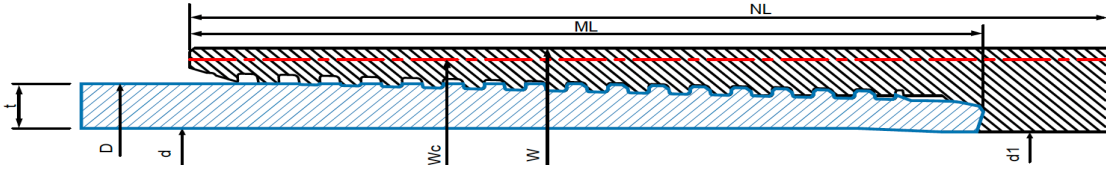


TECHNICAL INFORMATION



HSC MAX®

SIZE:	3 1/2"
WEIGHT:	16.70 lb/ft
WALL THICKNESS:	0.510"
DRIFT (API):	2.355"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 2.480 Plain End Weight: 16.30 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)	383	383	431	455	527	527	599
	INTERNAL YIELD PRESSURE (psi)	20400	20400	22950	24230	28050	28050	31880
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	4.791	4.791	4.791	4.791	4.791	4.791	4.791
	COLLAPSE PRESSURE (psi)	19920	19920	22410	23650	27390	27390	31120

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	4.196	4.196	4.196	4.196	4.196	4.196	4.196
	NOMINAL CONNECTION ID (in)	2.467	2.467	2.467	2.467	2.467	2.467	2.467
	MAKE-UP LOSS (in)	4.260	4.260	4.260	4.260	4.260	4.260	4.260
	COUPLING LENGTH (in)	9.530	9.530	9.530	9.530	9.530	9.530	9.530
	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)	234	234	263	277	321	321	365

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	383	383	431	455	527	527	599
		COMPRESSION WITH SEALABILITY (klb)	383	383	431	455	527	527	599
	RESISTANCE	INTERNAL PRESSURE (psi)	20400	20400	22950	24230	28050	28050	31880
		EXTERNAL PRESSURE (psi)	19920	19920	22410	23650	27390	27390	31120
	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								
REGULAR	MINIMUM (ft.lb)	7160	7160	7880	7880	8420	8420	8690
	OPTIMUM (ft.lb)	7950	7950	8750	8750	9350	9350	9650
	MAXIMUM (ft.lb)	8740	8740	9620	9620	10280	10280	10610
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	400	400	440	440	470	470	490
	MAXIMUM (ft.lb)	5560	5560	6120	6120	6540	6540	6750
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.