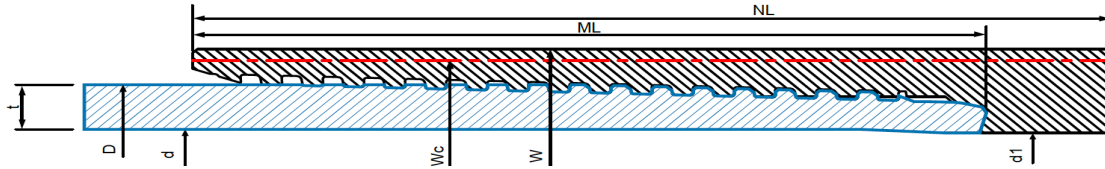


TECHNICAL INFORMATION



HSC MAX®

SIZE:	3 1/2"
WEIGHT:	9.20 lb/ft
WALL THICKNESS:	0.254"
DRIFT (API):	2.867"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 2.992 Plain End Weight: 8.81 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)	207	207	233	246	285	285	324
	INTERNAL YIELD PRESSURE (psi)	10160	10160	11430	12070	13970	13970	15880
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	2.590	2.590	2.590	2.590	2.590	2.590	2.590
	COLLAPSE PRESSURE (psi)	10540	10540	11570	12080	13530	13530	14890

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	3.908	3.908	3.908	3.908	3.908	3.908	3.908
	NOMINAL CONNECTION ID (in)	2.959	2.959	2.959	2.959	2.959	2.959	2.959
	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)	116	116	130	138	159	159	181

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	207	207	233	246	285	285	324
		COMPRESSION WITH SEALABILITY (klb)	207	207	233	246	285	285	324
	RESISTANCE	INTERNAL PRESSURE (psi)	10160	10160	11430	12070	13970	13970	15880
		EXTERNAL PRESSURE (psi)	10540	10540	11570	12080	13530	13530	14890
	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)	2610	2610	2720	2720	2860	2860	3030
	OPTIMUM (ft.lb)	2900	2900	3020	3020	3170	3170	3360
	MAXIMUM (ft.lb)	3190	3190	3320	3320	3480	3480	3690
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	150	150	160	160	160	160	170
	MAXIMUM (ft.lb)	2030	2030	2110	2110	2210	2210	2350
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.