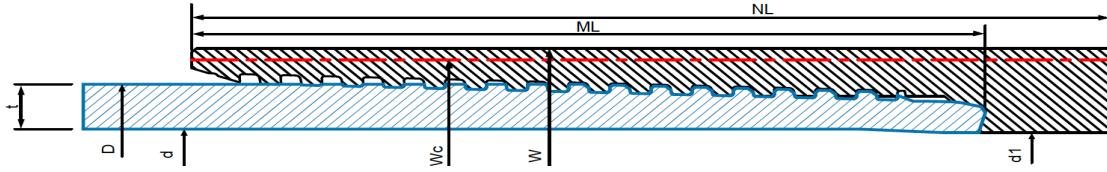


TECHNICAL INFORMATION

HSC MAX®



SIZE:	3 1/2"
WEIGHT:	10.20 lb/ft
WALL THICKNESS:	0.289"
DRIFT (API):	2.797"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 2.922 Plain End Weight: 9.92 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)	233	233	262	277	321	321	364
	INTERNAL YIELD PRESSURE (psi)	11560	11560	13010	13730	15900	15900	18060
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	2.915	2.915	2.915	2.915	2.915	2.915	2.915
	COLLAPSE PRESSURE (psi)	12120	12120	13640	14390	16670	16670	18940

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	3.962	3.962	3.962	3.962	3.962	3.962	3.962
	NOMINAL CONNECTION ID (in)	2.894	2.894	2.894	2.894	2.894	2.894	2.894
	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)	137	137	154	163	189	189	214

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	233	233	262	277	321	321	364
		COMPRESSION WITH SEALABILITY (klb)	233	233	262	277	321	321	364
	RESISTANCE	INTERNAL PRESSURE (psi)	11560	11560	13010	13730	15900	15900	18060
		EXTERNAL PRESSURE (psi)	12120	12120	13640	14390	16670	16670	18940
	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)	3200	3200	3330	3330	3500	3500	3710
	OPTIMUM (ft.lb)	3550	3550	3700	3700	3880	3880	4120
	MAXIMUM (ft.lb)	3900	3900	4070	4070	4260	4260	4530
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	180	180	190	190	200	200	210
	MAXIMUM (ft.lb)	2480	2480	2590	2590	2710	2710	2880
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.