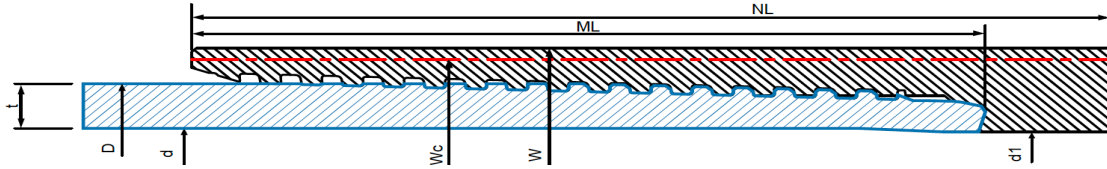


TECHNICAL INFORMATION



HSC MAX®

SIZE:	3 1/2"
WEIGHT:	12.70 lb/ft
WALL THICKNESS:	0.375"
DRIFT (API):	2.625"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 2.750 Plain End Weight: 12.53 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)	295	295	331	350	405	405	460
	INTERNAL YIELD PRESSURE (psi)	15000	15000	16880	17810	20630	20630	23440
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	3.682	3.682	3.682	3.682	3.682	3.682	3.682
	COLLAPSE PRESSURE (psi)	15310	15310	17220	18180	21050	21050	23920

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	4.044	4.044	4.044	4.044	4.044	4.044	4.044
	NOMINAL CONNECTION ID (in)	2.707	2.707	2.707	2.707	2.707	2.707	2.707
	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)	170	170	191	202	234	234	266

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	295	295	331	350	405	405	460
		COMPRESSION WITH SEALABILITY (klb)	295	295	331	350	405	405	460
	RESISTANCE	INTERNAL PRESSURE (psi)	15000	15000	16880	17810	20630	20630	23440
		EXTERNAL PRESSURE (psi)	15310	15310	17220	18180	21050	21050	23920
	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)	4950	4950	5310	5310	5510	5510	5680
	OPTIMUM (ft.lb)	5500	5500	5890	5890	6120	6120	6310
	MAXIMUM (ft.lb)	6050	6050	6470	6470	6730	6730	6940
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	280	280	300	300	310	310	320
	MAXIMUM (ft.lb)	3850	3850	4120	4120	4280	4280	4410
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.