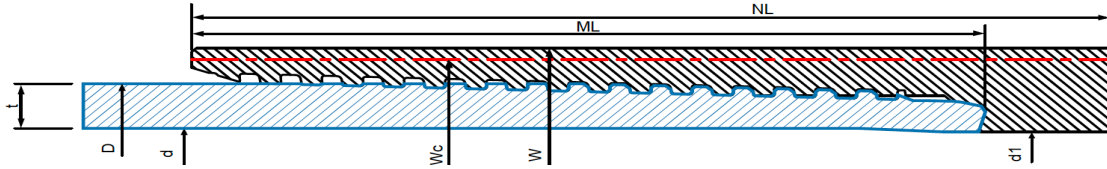


TECHNICAL INFORMATION

HSC MAX®



SIZE:	3 1/2"
WEIGHT:	18.35 lb/ft
WALL THICKNESS:	0.575"
DRIFT (API):	2.225"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 2.350 Plain End Weight: 17.98 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)	423	423	476	502	581	581	661
	INTERNAL YIELD PRESSURE (psi)	23000	23000	25880	27310	31630	31630	35940
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	5.284	5.284	5.284	5.284	5.284	5.284	5.284
	COLLAPSE PRESSURE (psi)	21970	21970	24710	26090	30210	30210	34320

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	4.272	4.272	4.272	4.272	4.272	4.272	4.272
	NOMINAL CONNECTION ID (in)	2.368	2.368	2.368	2.368	2.368	2.368	2.368
	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)	265	265	299	315	365	365	415

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	423	423	476	502	581	581	661
		COMPRESSION WITH SEALABILITY (klb)	423	423	476	502	581	581	661
	RESISTANCE	INTERNAL PRESSURE (psi)	23000	23000	25880	27310	31630	31630	35940
		EXTERNAL PRESSURE (psi)	21970	21970	24710	26090	30210	30210	34320
	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)	8040	8040	9040	9040	9610	9610	9930
		OPTIMUM (ft. lb)	8930	8930	10040	10040	10680	10680	11030
		MAXIMUM (ft. lb)	9820	9820	11040	11040	11750	11750	12130
	SHOULDERING TORQUE (ft-lb)	MINIMUM (ft. lb)	450	450	510	510	540	540	560
		MAXIMUM (ft. lb)	6250	6250	7020	7020	7470	7470	7720
	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.