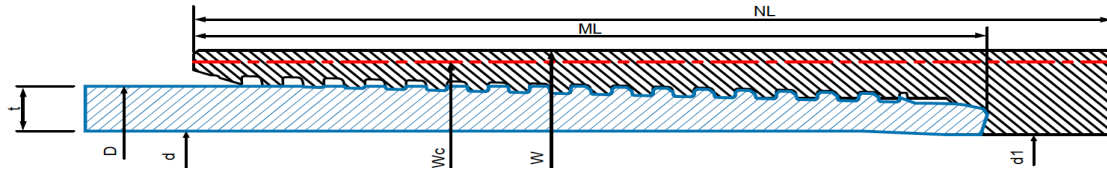


TECHNICAL INFORMATION



HSC MAX®

SIZE:	4"
WEIGHT:	18.90 lb/ft
WALL THICKNESS:	0.500"
DRIFT (API):	2.875"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.000 INSIDE DIA. (in): 3.000 Plain End Weight: 18.71 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)	440	440	495	522	605	605	687
	INTERNAL YIELD PRESSURE (psi)	17500	17500	19690	20780	24060	24060	27340
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	5.498	5.498	5.498	5.498	5.498	5.498	5.498
	COLLAPSE PRESSURE (psi)	17500	17500	19690	20780	24060	24060	27340

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	4.691	4.691	4.691	4.691	4.691	4.691	4.691
	NOMINAL CONNECTION ID (in)	2.969	2.969	2.969	2.969	2.969	2.969	2.969
	MAKE-UP LOSS (in)	4.545	4.545	4.545	4.545	4.545	4.545	4.545
	COUPLING LENGTH (in)	10.080	10.080	10.080	10.080	10.080	10.080	10.080
	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)	261	261	294	310	359	359	408

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	440	440	495	522	605	605	687
		COMPRESSION WITH SEALABILITY (klb)	440	440	495	522	605	605	687
	RESISTANCE	INTERNAL PRESSURE (psi)	17500	17500	19690	20780	24060	24060	27340
		EXTERNAL PRESSURE (psi)	17500	17500	19690	20780	24060	24060	27340
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	92	92	103	109	126	126	143
		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)	9000	9000	9800	9800	10150	10150	10500
	OPTIMUM (ft. lb)	9900	9900	10800	10800	11250	11250	11600
	MAXIMUM (ft. lb)	10800	10800	11800	11800	12350	12350	12700
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft. lb)	500	500	540	540	570	570	580
	MAXIMUM (ft. lb)	6930	6930	7560	7560	7870	7870	8120
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010	0.010
	MAXIMUM	0.130	0.130	0.130	0.130	0.130	0.130	0.130

The above information is for reference only, and is subject to change or modification without notice. Please contact HSC for the latest information.