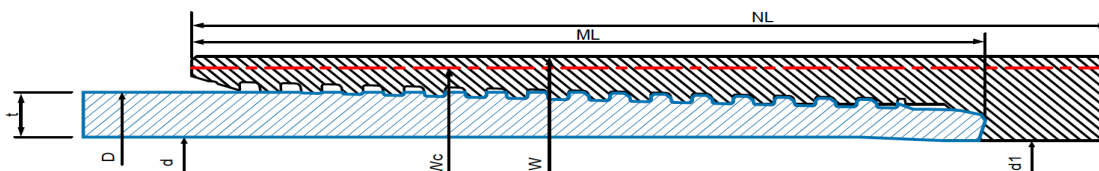


TECHNICAL INFORMATION



HSC MAX®

SIZE:	4"
WEIGHT:	22.20 lb/ft
WALL THICKNESS:	0.610"
DRIFT (API):	2.655"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.000 INSIDE DIA. (in): 2.780 Plain End Weight: 22.11 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)	520	520	585	617	715	715	812
	INTERNAL YIELD PRESSURE (psi)	21350	21350	24020	25350	29360	29360	33360
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	6.496	6.496	6.496	6.496	6.496	6.496	6.496
	COLLAPSE PRESSURE (psi)	20680	20680	23260	24560	28430	28430	32310

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	4.827	4.827	4.827	4.827	4.827	4.827	4.827
	NOMINAL CONNECTION ID (in)	2.799	2.799	2.799	2.799	2.799	2.799	2.799
	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)	326	326	367	387	449	449	510

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	520	520	585	617	715	715	812
		COMPRESSION WITH SEALABILITY (klb)	520	520	585	617	715	715	812
	RESISTANCE	INTERNAL PRESSURE (psi)	21350	21350	24020	25350	29360	29360	33360
		EXTERNAL PRESSURE (psi)	20680	20680	23260	24560	28430	28430	32310
	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)	11000	11000	12300	12300	13100	13100	13550
	OPTIMUM (ft.lb)	12200	12200	13600	13600	14500	14500	14950
	MAXIMUM (ft.lb)	13400	13400	14900	14900	15900	15900	16350
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	610	610	680	680	730	730	750
	MAXIMUM (ft.lb)	8540	8540	9520	9520	10150	10150	10460
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	0.010	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.