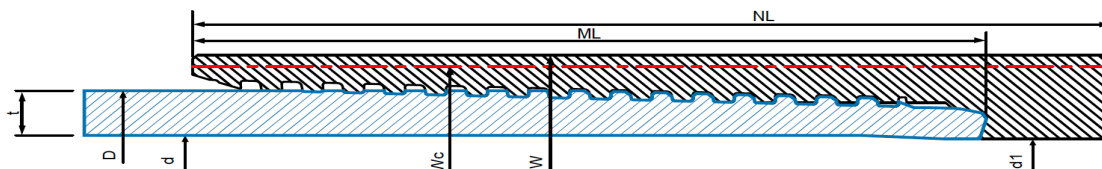


TECHNICAL INFORMATION



HSC MAX®

SIZE:	4"
WEIGHT:	8.20 lb/ft
WALL THICKNESS:	0.190"
DRIFT (API):	3.495"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.000 INSIDE DIA. (in): 3.620 Plain End Weight: 7.74 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)	182	182	205	216	250	250	284
	INTERNAL YIELD PRESSURE (psi)	6650	6650	7480	7900	9140	9140	10390
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	2.274	2.274	2.274	2.274	2.274	2.274	2.274
	COLLAPSE PRESSURE (psi)	4380	4380	4560	4640	4940	4940	5230

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	4.300	4.300	4.300	4.300	4.300	4.300	4.300
	NOMINAL CONNECTION ID (in)	3.567	3.567	3.567	3.567	3.567	3.567	3.567
	MAKE-UP LOSS (in)	3.159	3.159	3.159	3.159	3.159	3.159	3.159
	COUPLING LENGTH (in)	7.320	7.320	7.320	7.320	7.320	7.320	7.320
	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)	84	84	95	100	116	116	132

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	182	182	205	216	250	250	284
		COMPRESSION WITH SEALABILITY (klb)	182	182	205	216	250	250	284
	RESISTANCE	INTERNAL PRESSURE (psi)	6650	6650	7480	7900	9140	9140	10390
		EXTERNAL PRESSURE (psi)	4380	4380	4560	4640	4940	4940	5230
	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)	2020	2020	2110	2110	2190	2190	2260
	OPTIMUM (ft.lb)	2240	2240	2340	2340	2430	2430	2510
	MAXIMUM (ft.lb)	2460	2460	2570	2570	2670	2670	2760
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	120	120	120	120	130	130	130
	MAXIMUM (ft.lb)	1560	1560	1630	1630	1700	1700	1750
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.