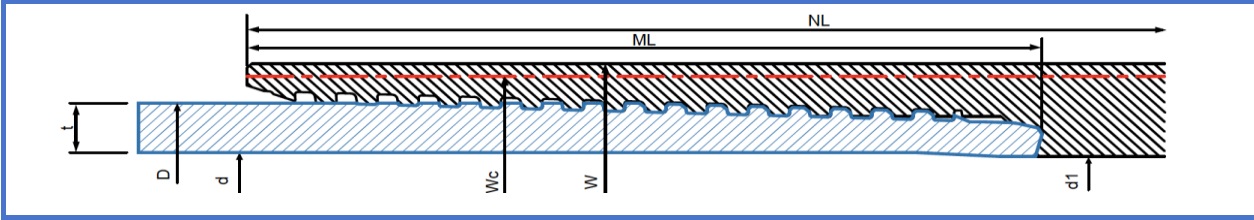


TECHNICAL INFORMATION

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%
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		MATERIAL YIELD STRENGTH (ksi)	80	90	95	110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	90	95	110	125	
	MAXIMUM YIELD STRENGTH (ksi)	95	105	110	140	150	
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	105	125	135	
	PIPE BODY YIELD STRENGTH (klb)	440	495	522	605	687	
	INTERNAL YIELD PRESSURE (psi)	17500	19690	20780	24060	27340	
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	5.498	5.498	5.498	5.498	5.498	
	COLLAPSE PRESSURE (psi)	17500	19690	20780	24060	27340	

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.691	4.691	4.691	4.691	4.691
	NOMINAL CONNECTION ID (in)	2.969	2.969	2.969	2.969	2.969
	MAKE-UP LOSS (in)	4.545	4.545	4.545	4.545	4.545
	COUPLING LENGTH (in)	10.080	10.080	10.080	10.080	10.080
	EFFICIENCY					
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	261	294	310	359	408

		JOINT PERFORMANCE				
STRENGTH	TENSION WITH SEALABILITY (klb)	440	495	522	605	687
	COMPRESSION WITH SEALABILITY (klb)	440	495	522	605	687
RESISTANCE	INTERNAL PRESSURE (psi)	17500	19690	20780	24060	27340
	EXTERNAL PRESSURE (psi)	17500	19690	20780	24060	27340
MAXIMUM BENDING	STRUCTURAL (degree/100ft)	92	103	109	126	143
	WITH SEALABILITY (degree/100ft)	30	30	30	30	30

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0					
MAKE UP	REGULAR	MINIMUM (ft.lb)	9000	9800	9800	10150	10500
		OPTIMUM (ft.lb)	9900	10800	10800	11250	11600
		MAXIMUM (ft.lb)	10800	11800	11800	12350	12700
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	500	540	540	570	580	
	MAXIMUM (ft.lb)	6930	7560	7560	7870	8120	
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010	
	MAXIMUM	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.