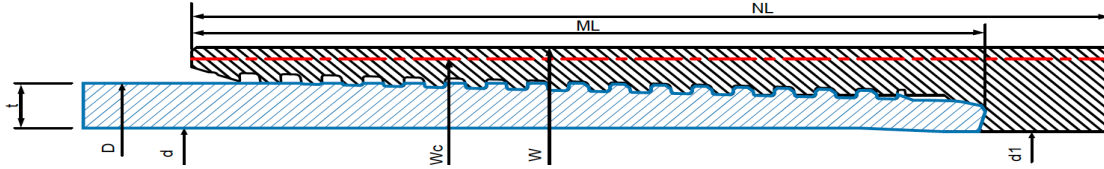


TECHNICAL INFORMATION

HSC MAX[®]



SIZE:	4"
WEIGHT:	14.80 lb/ft
WALL THICKNESS:	0.380"
DRIFT (API):	3.115"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 4.000 INSIDE DIA. (in): 3.240 Plain End Weight: 14.71 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)	346	346	389	411	475	475	540
	INTERNAL YIELD PRESSURE (psi)	13300	13300	14960	15790	18290	18290	20780
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	4.322	4.322	4.322	4.322	4.322	4.322	4.322
	COLLAPSE PRESSURE (psi)	13760	13760	15480	16340	18910	18910	21490

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	4.552	4.552	4.552	4.552	4.552	4.552	4.552
	NOMINAL CONNECTION ID (in)	3.189	3.189	3.189	3.189	3.189	3.189	3.189
	MAKE-UP LOSS (in)	4.041	4.041	4.041	4.041	4.041	4.041	4.041
	COUPLING LENGTH (in)	9.090	9.090	9.090	9.090	9.090	9.090	9.090
	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)	197	197	221	233	270	270	307

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	346	346	389	411	475	475	540
		COMPRESSION WITH SEALABILITY (klb)	346	346	389	411	475	475	540
	RESISTANCE	INTERNAL PRESSURE (psi)	13300	13300	14960	15790	18290	18290	20780
		EXTERNAL PRESSURE (psi)	13760	13760	15480	16340	18910	18910	21490
	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		80	N80	90	95	110	C110	125
REGULAR	MINIMUM (ft.lb)	6250	6250	6530	6530	6770	6770	7000
	OPTIMUM (ft.lb)	6940	6940	7250	7250	7520	7520	7770
	MAXIMUM (ft.lb)	7630	7630	7970	7970	8270	8270	8540
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	350	350	370	370	380	380	390
	MAXIMUM (ft.lb)	4850	4850	5070	5070	5260	5260	5430
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.