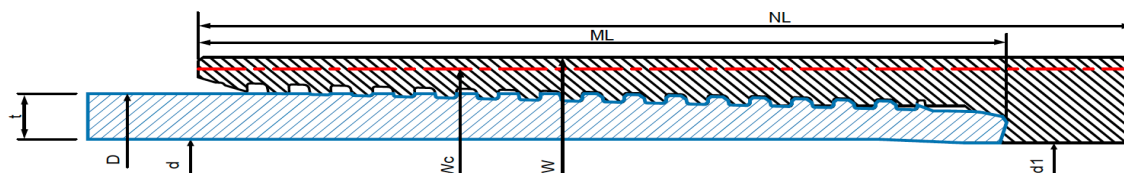


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	5 1/2"
WEIGHT:	15.50 lb/ft
WALL THICKNESS:	0.275"
DRIFT (API):	4.825"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.500 INSIDE DIA.(in): 4.950 Plain End Weight: 15.36 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)	361	361	406	429	497	497	564
	INTERNAL YIELD PRESSURE (psi)	7000	7000	7880	8310	9630	9630	10940
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	4.514	4.514	4.514	4.514	4.514	4.514	4.514
	COLLAPSE PRESSURE (psi)	4990	4990	5260	5380	5630	5630	5890

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	5.930	5.930	5.930	5.930	5.930	5.930	5.930
	NOMINAL CONNECTION ID (in)	4.868	4.868	4.868	4.868	4.868	4.868	4.868
	MAKE-UP LOSS (in)	4.382	4.382	4.382	4.382	4.382	4.382	4.382
	COUPLING LENGTH (in)	10.750	10.750	10.750	10.750	10.750	10.750	10.750
	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)	162	162	183	193	223	223	254

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	361	361	406	429	497	497	564
		COMPRESSION WITH SEALABILITY (klb)	361	361	406	429	497	497	564
	RESISTANCE	INTERNAL PRESSURE (psi)	7000	7000	7880	8310	9630	9630	10940
		EXTERNAL PRESSURE (psi)	4990	4990	5260	5380	5630	5630	5890
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	67	67	75	79	92	92	104
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20

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)	4880	4880	5540	5540	6180	6180	6840
	OPTIMUM (ft.lb)	5420	5420	6150	6150	6870	6870	7590
	MAXIMUM (ft.lb)	5960	5960	6770	6770	7560	7560	8340
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	280	280	310	310	350	350	380
	MAXIMUM (ft.lb)	3790	3790	4300	4300	4800	4800	5310
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.