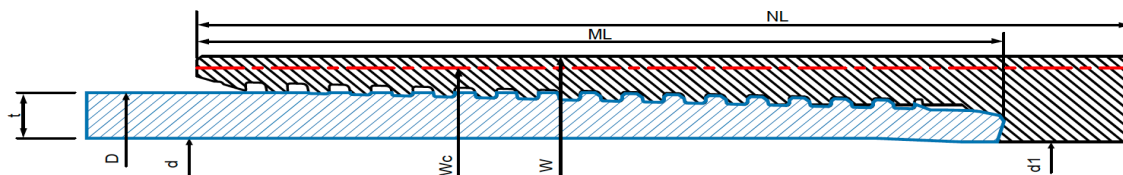


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	5"
WEIGHT:	20.30 lb/ft
WALL THICKNESS:	0.408"
DRIFT (API):	4.059"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 5.000 INSIDE DIA.(in): 4.184 Plain End Weight: 20.03 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)	471	471	530	559	647	647	736
	INTERNAL YIELD PRESSURE (psi)	11420	11420	12850	13570	15710	15710	17850
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	5.886	5.886	5.886	5.886	5.886	5.886	5.886
	COLLAPSE PRESSURE (psi)	12000	12000	13490	14240	16490	16490	18560

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	5.648	5.648	5.648	5.648	5.648	5.648	5.648
	NOMINAL CONNECTION ID (in)	4.121	4.121	4.121	4.121	4.121	4.121	4.121
	MAKE-UP LOSS (in)	4.190	4.190	4.190	4.190	4.190	4.190	4.190
	COUPLING LENGTH (in)	10.390	10.390	10.390	10.390	10.390	10.390	10.390
	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)	270	270	304	321	372	372	422

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	471	471	530	559	647	647	736
		COMPRESSION WITH SEALABILITY (klb)	471	471	530	559	647	647	736
	RESISTANCE	INTERNAL PRESSURE (psi)	11420	11420	12850	13570	15710	15710	17850
		EXTERNAL PRESSURE (psi)	12000	12000	13490	14240	16490	16490	18560
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	73	73	83	87	101	101	115
		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								
REGULAR	MINIMUM (ft.lb)	8460	8460	9500	9500	10850	10850	11700
	OPTIMUM (ft.lb)	9400	9400	10500	10500	11950	11950	13000
	MAXIMUM (ft.lb)	10340	10340	11500	11500	13050	13050	14300
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	470	470	530	530	600	600	650
	MAXIMUM (ft.lb)	6580	6580	7350	7350	8360	8360	9100
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.