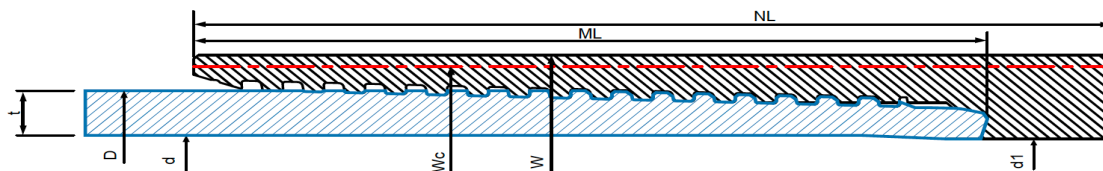


TECHNICAL INFORMATION

HSC MAX®



SIZE:	3 1/2"
WEIGHT:	14.70 lb/ft
WALL THICKNESS:	0.449"
DRIFT (API):	2.477"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 2.602 Plain End Weight: 14.64 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)	344	344	387	409	473	473	538
	INTERNAL YIELD PRESSURE (psi)	17960	17960	20210	21330	24700	24700	28060
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	4.304	4.304	4.304	4.304	4.304	4.304	4.304
	COLLAPSE PRESSURE (psi)	17890	17890	20130	21250	24600	24600	27960

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	4.143	4.143	4.143	4.143	4.143	4.143	4.143
	NOMINAL CONNECTION ID (in)	2.589	2.589	2.589	2.589	2.589	2.589	2.589
	MAKE-UP LOSS (in)	3.819	3.819	3.819	3.819	3.819	3.819	3.819
	COUPLING LENGTH (in)	8.620	8.620	8.620	8.620	8.620	8.620	8.620
	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)	211	211	237	251	290	290	330

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	344	344	387	409	473	473	538
		COMPRESSION WITH SEALABILITY (klb)	344	344	387	409	473	473	538
	RESISTANCE	INTERNAL PRESSURE (psi)	17960	17960	20210	21330	24700	24700	28060
		EXTERNAL PRESSURE (psi)	17890	17890	20130	21250	24600	24600	27960
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	105	105	118	124	144	144	164
		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)	6210	6210	6690	6690	6930	6930	7170
	OPTIMUM (ft.lb)	6890	6890	7430	7430	7700	7700	7960
	MAXIMUM (ft.lb)	7570	7570	8170	8170	8470	8470	8750
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	350	350	380	380	390	390	400
	MAXIMUM (ft.lb)	4820	4820	5200	5200	5390	5390	5570
DELTA TURN (turns)	MINIMUM	0.010	0.01	0.010	0.010	0.010	0.01	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.