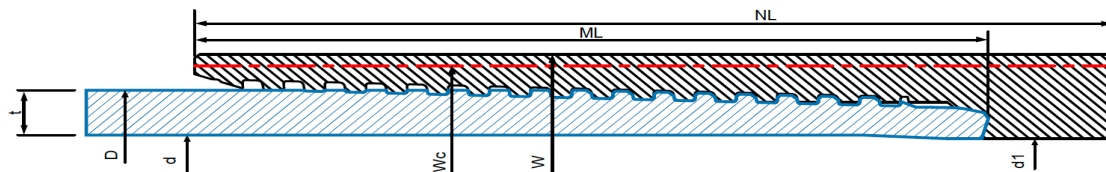


TECHNICAL INFORMATION



HSC MAX®

SIZE:	3 1/2"
WEIGHT:	6.50 lb/ft
WALL THICKNESS:	0.170"
DRIFT (API):	3.035"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 3.160 Plain End Weight: 6.05 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)	142	142	160	169	196	196	222
	INTERNAL YIELD PRESSURE (psi)	6800	6800	7650	8080	9350	9350	10630
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	1.778	1.778	1.778	1.778	1.778	1.778	1.778
	COLLAPSE PRESSURE (psi)	4640	4640	4860	4950	5190	5190	5510

PREMIUM THREADED & COUPLED CONNECTION								
CONNECTION	NOMINAL CONNECTION OD (in)	3.771	3.771	3.771	3.771	3.771	3.771	3.771
	NOMINAL CONNECTION ID (in)	3.104	3.104	3.104	3.104	3.104	3.104	3.104
	MAKE-UP LOSS (in)	3.032	3.032	3.032	3.032	3.032	3.032	3.032
	COUPLING LENGTH (in)	7.050	7.050	7.050	7.050	7.050	7.050	7.050
	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)	63	63	71	75	87	87	98

JOINT PERFORMANCE RANGE	STRENGTH	TENSION WITH SEALABILITY (klb)	142	142	160	169	196	196	222
		COMPRESSION WITH SEALABILITY (klb)	142	142	160	169	196	196	222
	RESISTANCE	INTERNAL PRESSURE (psi)	6800	6800	7650	8080	9350	9350	10630
		EXTERNAL PRESSURE (psi)	4640	4640	4860	4950	5190	5190	5510
	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								
REGULAR	MINIMUM (ft.lb)	1380	1380	1440	1440	1500	1500	1540
	OPTIMUM (ft.lb)	1530	1530	1590	1590	1660	1660	1710
	MAXIMUM (ft.lb)	1680	1680	1740	1740	1820	1820	1880
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	80	80	80	80	90	90	90
	MAXIMUM (ft.lb)	1070	1070	1110	1110	1160	1160	1190
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.