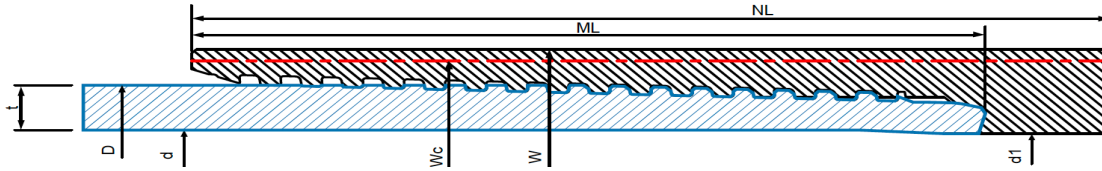


TECHNICAL INFORMATION

HSC MAX®



SIZE:	3 1/2"
WEIGHT:	13.70 lb/ft
WALL THICKNESS:	0.413"
DRIFT (API):	2.549"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in): 3.500 INSIDE DIA. (in): 2.674 Plain End Weight: 13.63 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)	320	320	360	380	441	441	501
	INTERNAL YIELD PRESSURE (psi)	16520	16520	18590	19620	22720	22720	25810
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	4.005	4.005	4.005	4.005	4.005	4.005	4.005
	COLLAPSE PRESSURE (psi)	16650	16650	18730	19770	22900	22900	26020

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125
CONNECTION	NOMINAL CONNECTION OD (in)	4.095	4.095	4.095	4.095	4.095	4.095	4.095
	NOMINAL CONNECTION ID (in)	2.648	2.648	2.648	2.648	2.648	2.648	2.648
	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)	191	191	215	227	263	263	299

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	320	320	360	380	441	441	501
		COMPRESSION WITH SEALABILITY (klb)	320	320	360	380	441	441	501
	RESISTANCE	INTERNAL PRESSURE (psi)	16520	16520	18590	19620	22720	22720	25810
		EXTERNAL PRESSURE (psi)	16650	16650	18730	19770	22900	22900	26020
	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)	5610	5610	6020	6020	6230	6230	6440
	OPTIMUM (ft.lb)	6230	6230	6680	6680	6920	6920	7150
	MAXIMUM (ft.lb)	6850	6850	7340	7340	7610	7610	7860
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	320	320	340	340	350	350	360
	MAXIMUM (ft.lb)	4360	4360	4670	4670	4840	4840	5000
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.