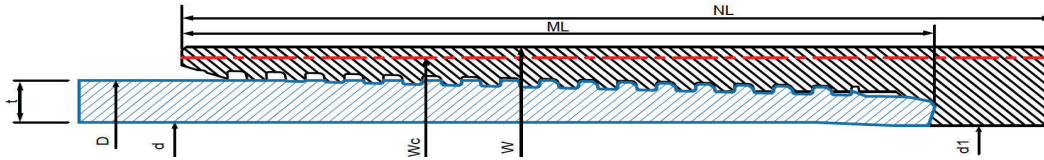


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	11 3/4"
WEIGHT:	54.00 lb/ft
WALL THICKNESS:	0.435"
DRIFT (API):	10.724"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 11.750 INSIDE DIA. (in): 10.880 Plain End Weight: 52.62 lb/ft Min. Wall Thickness: 87.5%

MATERIAL YIELD STRENGTH (ksi)		80	N80	90	95	110	C110	125	140
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)	80	80	90	95	110	110	125	140
	MAXIMUM YIELD STRENGTH (ksi)	95	110	105	110	140	120	150	165
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)	95	100	100	105	125	115	135	150
	PIPE BODY YIELD STRENGTH (klb)	1237	1237	1392	1469	1701	1701	1933	2165
	INTERNAL YIELD PRESSURE (psi)	5180	5180	5830	6150	7130	7130	8100	9070
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	15.463	15.463	15.463	15.463	15.463	15.463	15.463	15.463
COLLAPSE PRESSURE (psi)		2440	2440	2530	2550	2570	2570	2570	3280

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	12.463	12.463	12.463	12.463	12.463	12.463	12.463	12.463
	NOMINAL CONNECTION ID (in)	11.066	11.066	11.066	11.066	11.066	11.066	11.066	11.066
	MAKE-UP LOSS (in)	5.712	5.712	5.712	5.712	5.712	5.712	5.712	5.712
	COUPLING LENGTH (in)	13.430	13.430	13.430	13.430	13.430	13.430	13.430	13.430
	EFFICIENCY								
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	60	60	60	60	60	60	60	60
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100	100	100	100
MAXIMUM LOAD COUPLING FACE (klb)		689	689	776	819	948	948	1077	1207

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1237	1237	1392	1469	1701	1701	1933	2165
		COMPRESSION (klb)	742	742	835	881	1021	1021	1160	1299
	RESISTANCE	INTERNAL PRESSURE (psi)	5180	5180	5830	6150	7130	7130	8100	9070
		EXTERNAL PRESSURE (psi)	2440	2440	2530	2550	2570	2570	2570	3280
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	25	25	28	30	34	34	39	44

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		80	N80	90	95	110	C110	125	140
REGULAR	MINIMUM (ft.lb)	13700	13700	15050	15050	17000	17000	18900	20200
	OPTIMUM (ft.lb)	15200	15200	16650	16650	18800	18800	21000	22400
	MAXIMUM (ft.lb)	16700	16700	18250	18250	20600	20600	23100	24600
SHOULDERING TORQUE (ft.-lb)	MINIMUM (ft.lb)	760	760	840	840	940	940	1050	1120
	MAXIMUM (ft.lb)	10640	10640	11650	11650	13160	13160	14700	15680
DELTA TURN (turns)	MINIMUM	0.010	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	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.