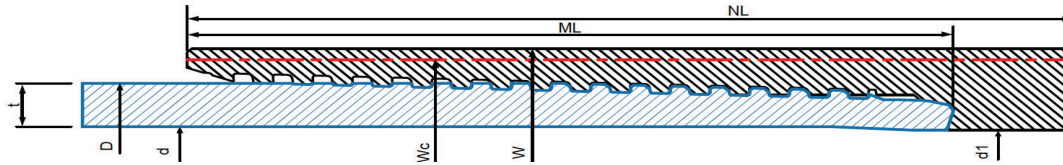


TECHNICAL INFORMATION



HSC MAX®

SIZE:	13 3/8"
WEIGHT:	77.00 lb/ft
WALL THICKNESS:	0.550"
DRIFT (API):	12.119"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 13.375 INSIDE DIA. (in): 12.275 Plain End Weight: 75.40 lb/ft Min. Wall Thickness: 87.5%

		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)	1773	1773	1994	2105	2438	2438	2770	3102
	INTERNAL YIELD PRESSURE (psi)	5760	5760	6480	6840	7920	7920	9000	10070
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	22.160	22.160	22.160	22.160	22.160	22.160	22.160	22.160
	COLLAPSE PRESSURE (psi)	3100	3100	3270	3340	3490	3490	3550	4540

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	14.300	14.300	14.300	14.300	14.300	14.300	14.300	14.300
	NOMINAL CONNECTION ID (in)	12.498	12.498	12.498	12.498	12.498	12.498	12.498	12.498
	MAKE-UP LOSS (in)	5.698	5.698	5.698	5.698	5.698	5.698	5.698	5.698
	COUPLING LENGTH (in)	13.390	13.390	13.390	13.390	13.390	13.390	13.390	13.390
	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)	1082	1082	1218	1285	1488	1488	1691	1894

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1773	1773	1994	2105	2438	2438	2770	3102
		COMPRESSION (klb)	1064	1064	1197	1263	1463	1463	1662	1861
	RESISTANCE	INTERNAL PRESSURE (psi)	5760	5760	6480	6840	7920	7920	9000	10070
		EXTERNAL PRESSURE (psi)	3100	3100	3270	3340	3490	3490	3550	4540
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	22	22	25	26	30	30	34	38

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)	20850	20850	20850	20850	20850	20850	20850	20850
	OPTIMUM (ft.lb)	23150	23150	23150	23150	23150	23150	23150	23150
	MAXIMUM (ft.lb)	25450	25450	25450	25450	25450	25450	25450	25450
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	1160	1160	1160	1160	1160	1160	1160	1160
	MAXIMUM (ft.lb)	16200	16200	16200	16200	16200	16200	16200	16200
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.