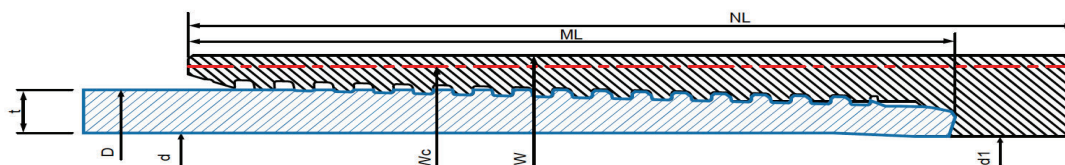


TECHNICAL INFORMATION



HSC MAX®

SIZE:	13 3/8"
WEIGHT:	68.00 lb/ft
WALL THICKNESS:	0.480"
DRIFT (API):	12.259"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 13.375 INSIDE DIA. (in): 12.415 Plain End Weight: 66.17 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)	1556	1556	1750	1847	2139	2139	2431	2722
	INTERNAL YIELD PRESSURE (psi)	5020	5020	5650	5970	6910	6910	7850	8790
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	19.445	19.445	19.445	19.445	19.445	19.445	19.445	19.445
	COLLAPSE PRESSURE (psi)	2260	2260	2320	2330	2330	2330	2330	2980

		80	N80	90	95	110	C110	125	140
CONNECTION	PREMIUM THREADED & COUPLED CONNECTION								
	NOMINAL CONNECTION OD (in)	14.176	14.176	14.176	14.176	14.176	14.176	14.176	14.176
	NOMINAL CONNECTION ID (in)	12.624	12.624	12.624	12.624	12.624	12.624	12.624	12.624
	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)	905	905	1018	1075	1244	1244	1414	1584

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1556	1556	1750	1847	2139	2139	2431	2722
		COMPRESSION (klb)	933	933	1050	1108	1283	1283	1458	1633
	RESISTANCE	INTERNAL PRESSURE (psi)	5020	5020	5650	5970	6910	6910	7850	8790
		EXTERNAL PRESSURE (psi)	2260	2260	2320	2330	2330	2330	2330	2980
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	22	22	25	26	30	30	34	38
	MAXIMUM DEFLECTION	STRUCTURAL (inches/100ft)	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5

		80	N80	90	95	110	C110	125	140
MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0								
	REGULAR	MINIMUM (ft.lb)	20850	20850	20850	20850	20850	20850	20850
		OPTIMUM (ft.lb)	23150	23150	23150	23150	23150	23150	23150
		MAXIMUM (ft.lb)	25450	25450	25450	25450	25450	25450	25450
	SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	1160	1160	1160	1160	1160	1160	1160
		MAXIMUM (ft.lb)	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
		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.