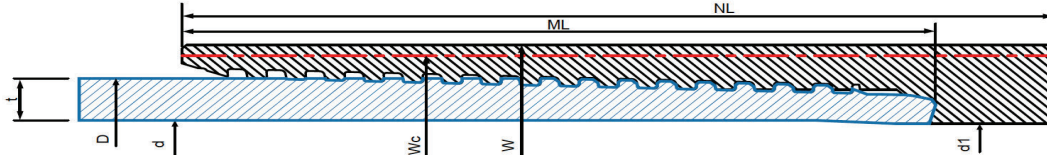


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	13 3/8"
WEIGHT:	61.00 lb/ft
WALL THICKNESS:	0.430"
DRIFT (API):	12.359"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 13.375 INSIDE DIA. (in): 12.515 Plain End Weight: 59.50 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)	1399	1399	1574	1661	1924	1924	2186	2448
	INTERNAL YIELD PRESSURE (psi)	4500	4500	5060	5340	6190	6190	7030	7880
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	17.487	17.487	17.487	17.487	17.487	17.487	17.487	17.487
	COLLAPSE PRESSURE (psi)	1670	1670	1670	1670	1670	1670	1670	2130

		80	N80	90	95	110	C110	125	140
CONNECTION	PREMIUM THREADED & COUPLED CONNECTION								
	NOMINAL CONNECTION OD (in)	14.085	14.085	14.085	14.085	14.085	14.085	14.085	14.085
	NOMINAL CONNECTION ID (in)	12.714	12.714	12.714	12.714	12.714	12.714	12.714	12.714
	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)	777	777	874	923	1069	1069	1214	1360

		80	N80	90	95	110	C110	125	140
JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1399	1399	1574	1661	1924	2186	2448
		COMPRESSION (klb)	839	839	944	997	1154	1312	1469
	RESISTANCE	INTERNAL PRESSURE (psi)	4500	4500	5060	5340	6190	7030	7880
		EXTERNAL PRESSURE (psi)	1670	1670	1670	1670	1670	1670	2130
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	22	22	25	26	30	34	38

			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)	15050	15050	17000	17000	18900	18900	20850	20850
		OPTIMUM (ft.lb)	16650	16650	18800	18800	21000	21000	23150	23150
		MAXIMUM (ft.lb)	18250	18250	20600	20600	23100	23100	25450	25450
	SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	840	840	940	940	1050	1050	1160	1160
		MAXIMUM (ft.lb)	11650	11650	13160	13160	14700	14700	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.