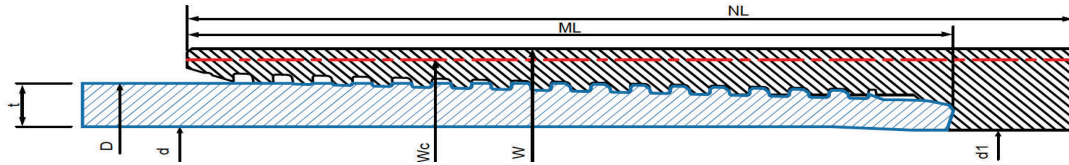


TECHNICAL INFORMATION



HSC MAX®

SIZE:	13 3/8"
WEIGHT:	80.70 lb/ft
WALL THICKNESS:	0.580"
DRIFT (API):	12.059"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in): 13.375 INSIDE DIA. (in): 12.215 Plain End Weight: 79.33 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)	1865	1865	2098	2215	2565	2565	2914	3264
	INTERNAL YIELD PRESSURE (psi)	6070	6070	6830	7210	8350	8350	9490	10620
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	23.314	23.314	23.314	23.314	23.314	23.314	23.314	23.314
	COLLAPSE PRESSURE (psi)	3460	3460	3680	3770	4000	4000	4140	5350

CONNECTION	PREMIUM THREADED & COUPLED CONNECTION								
	NOMINAL CONNECTION OD (in)	14.351	14.351	14.351	14.351	14.351	14.351	14.351	14.351
	NOMINAL CONNECTION ID (in)	12.442	12.442	12.442	12.442	12.442	12.442	12.442	12.442
	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)	1156	1156	1300	1373	1589	1589	1806	2023

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1865	1865	2098	2215	2565	2565	2914	3264
		COMPRESSION (klb)	1119	1119	1259	1329	1539	1539	1749	1958
	RESISTANCE	INTERNAL PRESSURE (psi)	6070	6070	6830	7210	8350	8350	9490	10620
		EXTERNAL PRESSURE (psi)	3460	3460	3680	3770	4000	4000	4140	5350
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	22	22	25	26	30	30	34	38

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.