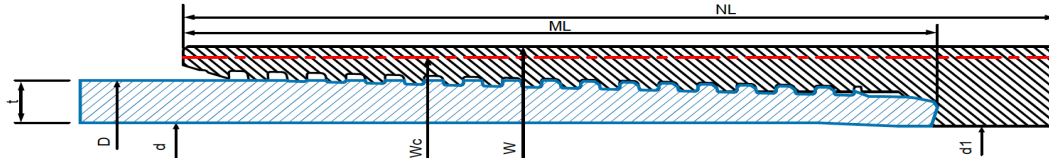


TECHNICAL INFORMATION



HSC MAX®

SIZE:	7"
WEIGHT:	41.00 lb/ft
WALL THICKNESS:	0.590"
DRIFT (API):	5.695"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 7.000 INSIDE DIA.(in): 5.820 Plain End Weight: 40.43 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)	950	950	1069	1129	1307	1307	1485	1663
	INTERNAL YIELD PRESSURE (psi)	11800	11800	13280	14010	16230	16230	18440	20650
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	11.881	11.881	11.881	11.881	11.881	11.881	11.881	11.881
	COLLAPSE PRESSURE (psi)	12350	12350	13900	14670	16990	16990	19300	22510

PREMIUM THREADED & COUPLED CONNECTION		7.930	7.930	7.930	7.930	7.930	7.930	7.930	7.930
CONNECTION	NOMINAL CONNECTION OD (in)	7.930	7.930	7.930	7.930	7.930	7.930	7.930	7.930
	NOMINAL CONNECTION ID (in)	5.757	5.757	5.757	5.757	5.757	5.757	5.757	5.757
	MAKE-UP LOSS (in)	4.775	4.775	4.775	4.775	4.775	4.775	4.775	4.775
	COUPLING LENGTH (in)	11.540	11.540	11.540	11.540	11.540	11.540	11.540	11.540
	EFFICIENCY								
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100	100	100	100
	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)	590	590	664	701	812	812	923	1033

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	950	950	1069	1129	1307	1307	1485	1663
		COMPRESSION WITH SEALABILITY (klb)	950	950	1069	1129	1307	1307	1485	1663
	RESISTANCE	INTERNAL PRESSURE (psi)	11800	11800	13280	14010	16230	16230	18440	20650
		EXTERNAL PRESSURE (psi)	12350	12350	13900	14670	16990	16990	19300	22510
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	52	52	59	62	72	72	82	92
		WITH SEALABILITY (degree/100ft)	20	20	20	20	20	20	20	20

RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0		20850	20850	20850	20850	20850	20850	20850	20850
MAKE UP	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.