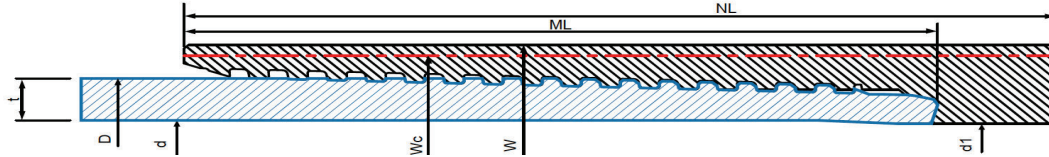


TECHNICAL INFORMATION



HSC MAX®

SIZE:	8 5/8"
WEIGHT:	44.00 lb/ft
WALL THICKNESS:	0.500"
DRIFT (API):	7.500"
THREADS/INCH (TPI) :	4



OUTSIDE DIA. (in):8.625 INSIDE DIA. (in):7.625 Plain End Weight:43.43 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)	1021	1021	1149	1212	1404	1404	1595	1787
	INTERNAL YIELD PRESSURE (psi)	8120	8120	9130	9640	11160	11160	12680	14200
	NOMINAL CROSS -SECTIONAL AREA (sq-in)	12.763	12.763	12.763	12.763	12.763	12.763	12.763	12.763
	COLLAPSE PRESSURE (psi)	6950	6950	7490	7740	8420	8420	8980	12560

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	9.434	9.434	9.434	9.434	9.434	9.434	9.434	9.434
	NOMINAL CONNECTION ID (in)	7.799	7.799	7.799	7.799	7.799	7.799	7.799	7.799
	MAKE-UP LOSS (in)	5.603	5.603	5.603	5.603	5.603	5.603	5.603	5.603
	COUPLING LENGTH (in)	13.190	13.190	13.190	13.190	13.190	13.190	13.190	13.190
	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)	602	602	678	715	828	828	941	1054

JOINT PERFORMANCE	STRENGTH	TENSION (klb)	1021	1021	1149	1212	1404	1404	1595	1787
		COMPRESSION (klb)	613	613	689	727	842	842	957	1072
	RESISTANCE	INTERNAL PRESSURE (psi)	8120	8120	9130	9640	11160	11160	12680	14200
		EXTERNAL PRESSURE (psi)	6950	6950	7490	7740	8420	8420	8980	12560
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	34	34	38	40	47	47	53	60

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)	15050	15050	16300	16300	18250	18250	19600	20850
	OPTIMUM (ft.lb)	16650	16650	18100	18100	20250	20250	21700	23150
	MAXIMUM (ft.lb)	18250	18250	19900	19900	22250	22250	23800	25450
SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	840	840	910	910	1020	1020	1090	1160
	MAXIMUM (ft.lb)	11650	11650	12670	12670	14170	14170	15190	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.