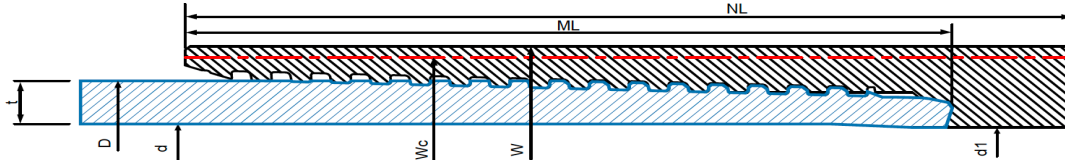


TECHNICAL INFORMATION



HSC MAX[®]

SIZE:	7 5/8"
WEIGHT:	33.70 lb/ft
WALL THICKNESS:	0.430"
DRIFT (API):	6.640"
THREADS/INCH (TPI) :	5



OUTSIDE DIA.(in): 7.625 INSIDE DIA.(in): 6.765 Plain End Weight: 33.07 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)	778	778	875	923	1069	1069	1215	1361
	INTERNAL YIELD PRESSURE (psi)	7900	7900	8880	9380	10860	10860	12340	13820
	NOMINAL CROSS-SECTIONAL AREA (sq-in)	9.720	9.720	9.720	9.720	9.720	9.720	9.720	9.720
	COLLAPSE PRESSURE (psi)	6570	6570	7050	7280	7870	7870	8350	11960

PREMIUM THREADED & COUPLED CONNECTION		80	N80	90	95	110	C110	125	140
CONNECTION	NOMINAL CONNECTION OD (in)	8.306	8.306	8.306	8.306	8.306	8.306	8.306	8.306
	NOMINAL CONNECTION ID (in)	6.699	6.699	6.699	6.699	6.699	6.699	6.699	6.699
	MAKE-UP LOSS (in)	4.868	4.868	4.868	4.868	4.868	4.868	4.868	4.868
	COUPLING LENGTH (in)	11.730	11.730	11.730	11.730	11.730	11.730	11.730	11.730
	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)	428	428	482	509	589	589	669	750

JOINT PERFORMANCE	STRENGTH	TENSION WITH SEALABILITY (klb)	778	778	875	923	1069	1069	1215	1361
		COMPRESSION WITH SEALABILITY (klb)	778	778	875	923	1069	1069	1215	1361
	RESISTANCE	INTERNAL PRESSURE (psi)	7900	7900	8880	9380	10860	10860	12340	13820
		EXTERNAL PRESSURE (psi)	6570	6570	7050	7280	7870	7870	8350	11960
	MAXIMUM BENDING	STRUCTURAL (degree/100ft)	48	48	54	57	66	66	75	84
		WITH SEALABILITY (degree/100ft)	19	19	20	20	20	20	20	20

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0									
	REGULAR	MINIMUM (ft.lb)	16650	16650	18900	18900	20850	20850	20850	20850
		OPTIMUM (ft.lb)	18450	18450	21000	21000	23150	23150	23150	23150
		MAXIMUM (ft.lb)	20250	20250	23100	23100	25450	25450	25450	25450
	SHOULDERING TORQUE (ft.lb)	MINIMUM (ft.lb)	930	930	1050	1050	1160	1160	1160	1160
		MAXIMUM (ft.lb)	12910	12910	14700	14700	16200	16200	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.