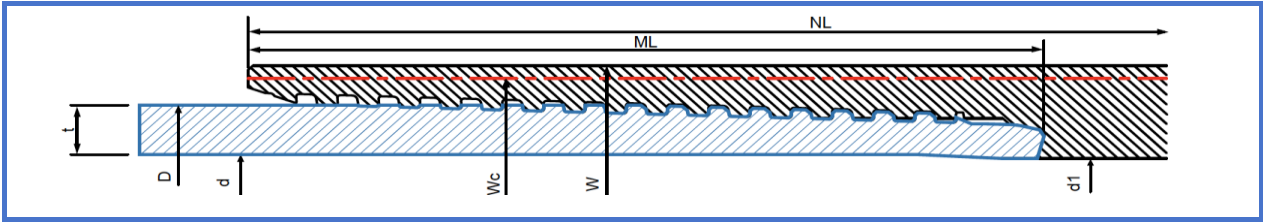


TECHNICAL INFORMATION

HSC MAX



SIZE:	3 1/2"
WEIGHT:	15.50 lb/ft
WALL THICKNESS:	0.476"
DRIFT (API):	2.423"
THREADS/INCH (TPI) :	6



OUTSIDE DIA. (in):	3.500	INSIDE DIA. (in):	2.548	Plain End Weight:	15.39 lb/ft	Min. Wall Thickness:	87.5%
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		MATERIAL YIELD STRENGTH (ksi)	80	90	95	110	125
PIPE BODY	MINIMUM YIELD STRENGTH (ksi)		80	90	95	110	125
	MAXIMUM YIELD STRENGTH (ksi)		95	105	110	140	150
	MINIMUM ULTIMATE TENSILE STRENGTH (ksi)		95	100	105	125	135
	PIPE BODY YIELD STRENGTH (klb)		362	407	430	497	565
	INTERNAL YIELD PRESSURE (psi)		19040	21420	22610	26180	29750
	NOMINAL CROSS-SECTIONAL AREA (sq-in)		4.522	4.522	4.522	4.522	4.522
	COLLAPSE PRESSURE (psi)		18800	21150	22330	25850	29380

		PREMIUM THREADED & COUPLED CONNECTION				
CONNECTION	NOMINAL CONNECTION OD (in)	4.154	4.154	4.154	4.154	4.154
	NOMINAL CONNECTION ID (in)	2.518	2.518	2.518	2.518	2.518
	MAKE-UP LOSS (in)	4.260	4.260	4.260	4.260	4.260
	COUPLING LENGTH (in)	9.530	9.530	9.530	9.530	9.530
	EFFICIENCY					
	TENSION EFFICIENCY (% pipe body)	100	100	100	100	100
	COMPRESSION EFFICIENCY (% pipe body)	100	100	100	100	100
	INTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	EXTERNAL PRESSURE (% pipe body)	100	100	100	100	100
	MAXIMUM LOAD COUPLING FACE (klb)	216	243	256	297	337

		JOINT PERFORMANCE				
STRENGTH	TENSION WITH SEALABILITY (klb)	362	407	430	497	565
	COMPRESSION WITH SEALABILITY (klb)	362	407	430	497	565
RESISTANCE	INTERNAL PRESSURE (psi)	19040	21420	22610	26180	29750
	EXTERNAL PRESSURE (psi)	18800	21150	22330	25850	29380
MAXIMUM BENDING	STRUCTURAL (degree/100ft)	105	118	124	144	164
	WITH SEALABILITY(degree/100ft)	30	30	30	30	30

		RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0				
REGULAR	MINIMUM (ft.lb)	6670	7310	7310	7790	8060
	OPTIMUM (ft.lb)	7410	8120	8120	8650	8950
	MAXIMUM (ft.lb)	8150	8930	8930	9510	9840
SHOULDERING TORQUE (ft-lb)	MINIMUM (ft.lb)	380	410	410	440	450
	MAXIMUM (ft.lb)	5180	5680	5680	6050	6260
DELTA TURN (turns)	MINIMUM	0.010	0.010	0.010	0.010	0.010
	MAXIMUM	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.