

# TECHNICAL INFORMATION - HSC HICOM

# CASING

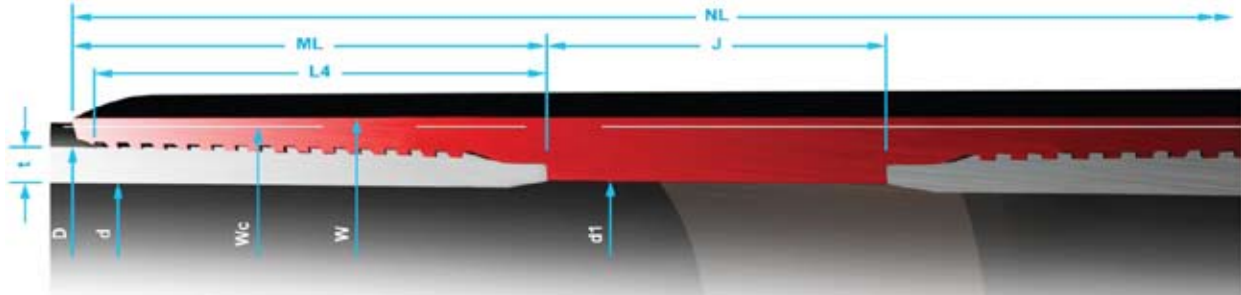


SIZE: **8 5/8"**

NOMINAL WEIGHT: **40.00 lb/ft**

WALL THICKNESS: **0.450"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	8.625	INSIDE DIA. (in)	d	7.725	DRIFT DIA. (in)	7.600	PLAIN END WT (lb/ft)	39.29	
	GRADE				N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)				5520	5520	5870	6020	6390	6630	7020
	INTERNAL YIELD PRESSURE (psi)				7300	7300	8220	8670	10040	11410	13700
	BODY YIELD STRENGTH (kips)				925	925	1040	1098	1271	1445	1734
	ULTIMATE STRENGTH (kips)				1156	1098	1156	1213	1445	1560	1849
	NOMINAL CROSS-SECTIONAL AREA (sq-in)				11.557	11.557	11.557	11.557	11.557	11.557	11.557

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0										
	REGULAR	MINIMUM (ft.lb)			9210	9210	9650	9860	10520	11180	12270
		OPTIMUM (ft.lb)			10230	10230	10720	10960	11690	12420	13630
		MAXIMUM (ft.lb)			11250	11250	11790	12060	12860	13660	14990
	BODY YIELD TORQUE (ft.lb)			172860	172860	194470	205270	237680	270100	324120	
	SPECIAL CLEARANCE	MINIMUM (ft.lb)			8290	8290	8680	8880	9470	10060	11040
		OPTIMUM (ft.lb)			9210	9210	9650	9870	10520	11180	12270
		MAXIMUM (ft.lb)			10130	10130	10620	10860	11570	12300	13500

CONNECTION	COLLAPSE RESISTANCE (psi)				5520	5520	5870	6020	6390	6630	7020	
	COMPRESSION RESISTANCE (%)				100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)				100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)				7300	7300	8220	8670	10040	11410	13700	
	MAXIMUM BENDING ANGLE (° PER 100ft)				47	47	53	56	65	74	89	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)				11.783	11.783	11.783	11.783	11.783	11.783	11.783	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)				618	618	695	734	850	966	1159	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)				324	324	364	384	445	506	607	
	PARTING LOAD (kips)											
	REGULAR COUPLING O.D.				1001	966	1038	1092	1288	1415	1683	
	SPECIAL CLEARANCE COUPLING O.D.				768	730	768	807	960	1037	1229	
				OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)	30' JOINT MUD DISPLACEMENT (in³)				
	REGULAR COUPLING			W	9.355	7.825	40.63	102	4272			
	SPECIAL CLEARANCE COUPLING			Wc	9.100	7.825	29.05	70	4231			
	LENGTH OF COUPLING (in)			NL	11.060	The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information						
MAKE UP LOSS (in)			ML	4.530								