

# TECHNICAL INFORMATION - HSC HICOM

# CASING



SIZE: **6 5/8"**

NOMINAL WEIGHT: **32.00 lb/ft**

WALL THICKNESS: **0.475"**

THREADS PER INCH: **5**



PIPE BODY	OUTSIDE DIA. (in)	D	6.625	INSIDE DIA. (in)	d	5.675	DRIFT DIA. (in)		5.550	PLAIN END WT (lb/ft)		31.20
	GRADE					N80	L80	C90	C95	P110	Q125	150
	COLLAPSE RESISTANCE (psi)					10320	10320	11330	11810	13220	14530	16500
	INTERNAL YIELD PRESSURE (psi)					10040	10040	11290	11920	13800	15680	18820
	BODY YIELD STRENGTH (kips)					734	734	826	872	1010	1147	1377
	ULTIMATE STRENGTH (kips)					918	872	918	964	1147	1239	1468
	NOMINAL CROSS-SECTIONAL AREA (sq-in)					9.177	9.177	9.177	9.177	9.177	9.177	9.177

MAKE UP	RECOMMENDED MAKE UP TORQUE USING A THREAD COMPOUND WITH FRICTION CORRECTION FACTOR OF 1.0											
	REGULAR		MINIMUM (ft.lb)		10040	10040	10510	10760	11480	12200	13390	
			OPTIMUM (ft.lb)		11150	11150	11680	11950	12750	13550	14880	
			MAXIMUM (ft.lb)		12260	12260	12850	13140	14020	14910	16370	
			BODY YIELD TORQUE (ft.lb)		101430	101430	114110	120450	139470	158490	190190	
	SPECIAL CLEARANCE		MINIMUM (ft.lb)		9030	9030	9460	9680	10320	10970	12050	
			OPTIMUM (ft.lb)		10030	10030	10510	10750	11470	12190	13390	
			MAXIMUM (ft.lb)		11030	11030	11560	11820	12620	13410	14730	

CONNECTION	COLLAPSE RESISTANCE (psi)					10320	10320	11330	11810	13220	14530	16500	
	COMPRESSION RESISTANCE (%)					100	100	100	100	100	100	100	
	TENSILE EFFICIENCY (%)					100	100	100	100	100	100	100	
	INTERNAL YIELD PRESSURE (psi)					10040	10040	11290	11920	13800	15680	18820	
	MAXIMUM BENDING ANGLE (° PER 100ft)					65	65	73	77	89	101	121	
	BOX CRITICAL CROSS-SECTIONAL AREA (sq-in)					9.363	9.363	9.363	9.363	9.363	9.363	9.363	
	MAXIMUM LOAD OF REG. COUPLING FACE (kips)					540	540	607	641	742	843	1012	
	MAXIMUM LOAD OF S.C. COUPLING FACE (kips)					306	306	344	363	420	477	573	
						PARTING LOAD (kips)							
	REGULAR COUPLING O.D.					814	783	837	880	1040	1138	1353	
	SPECIAL CLEARANCE COUPLING O.D.					610	579	610	640	762	823	976	
					OUTSIDE DIA. (in)	INSIDE DIA. (d1) (in)	WEIGHT (lb)	JOINT EFFICIENCY (%)		30' JOINT MUD DISPLACEMENT (in³)			
	REGULAR COUPLING				W	7.418	5.775	29.21	102		3384		
	SPECIAL CLEARANCE COUPLING				Wc	7.161	5.775	21.33	70		3357		
LENGTH OF COUPLING (in)				NL	9.460								
MAKE UP LOSS (in)				ML	3.730								
The above information is for reference only. The information is subject to change or modification without notice. Please contact HSC for the latest information													