

API New Drill Pipe

API Label 1 (Pipe OD) (in)	API Label 2 (Nominal Weight) (lbs/ft)	Wall Thickness (in)	Weight Code Number	Grade	Minimum Yield Strength (psi)	Torsional Yield Strength (ft-lbs)	Tensile Strength (lbs)	Collapse Pressure (psi)	Internal Pressure (psi)	
5 1/2	19.20	0.304	1	E	75,000	44,074	372,181	6,039	7,255	
				X	95,000	55,826	471,429	6,942	9,189	
				G	105,000	61,703	521,053	7,313	10,156	
				S	135,000	79,332	669,925	8,093	13,058	
	21.90	0.361	2	E	75,000	50,710	437,116	8,413	8,615	
				X	95,000	64,233	553,681	10,019	10,912	
				G	105,000	70,994	611,963	10,753	12,061	
				S	135,000	91,278	786,809	12,679	15,507	
	24.70	0.415	3	E	75,000	56,574	497,222	10,464	9,903	
				X	95,000	71,660	629,814	12,933	12,544	
G				105,000	79,204	696,111	14,013	13,865		
S				135,000	101,833	894,999	17,023	17,826		

Weight Code Number shown in yellow designates the standard weight for the drill pipe size.

The torsional yield strength is based on a shear strength of 57.7% of the minimum yield strength and nominal wall thickness.

The tensile strength, collapse pressure, and internal pressure are based on minimum yield strength.