

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)	
4	11.85	0.262	1	E	75,000	19,474	230,755	8,381	8,597	
				X	95,000	24,668	292,290	9,978	10,889	
				G	105,000	27,264	323,057	10,708	12,036	
				S	135,000	35,054	415,360	12,618	15,474	
	14.00	0.330	2	E	75,000	23,288	285,359	11,354	10,828	
				X	95,000	29,498	361,454	14,382	13,716	
				G	105,000	32,603	399,502	15,896	15,159	
				S	135,000	41,918	513,646	20,141	19,491	
	15.70	0.380	3	E	75,000	25,810	324,118	12,896	12,469	
				X	95,000	32,692	410,550	16,335	15,794	
G				105,000	36,134	453,765	18,055	17,456		
S				135,000	46,458	583,413	23,213	22,444		

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.