

Pipe Characeteristics Tables

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Used Tubing & Casing EMI Color Banding

Band Color	Wall Loss	Common Use and Comparison
White	0-12.5%	Like new. Within API specs for new pipe.
Yellow	12.5-15%	Almost like new. Commonly used in applications instead of new.
Double Yellow	16-20%	High end of "Blue Band". Used at approx. 70%-75% of new design factors.
Blue	21-30%	Medium grade used condition. Used at approx. 50% of new design factors.
Green	31-50%	Low end of used condition suitable for field use. Used as flowline and in shallow wells.
Red	51%+	Structural grade for fencing and fabrication. Usually not suitable for field use.

OCTG Range Table	
Range	Length (feet)
1	16-25'
2	25-34'
3	34'+

API Grade Characteristics

Application	Grade	LONGITUDINAL MIN. YIELD STRENGTH			MIN. YIELD STRENGTH IN COLLAPSE	MIN. TENSILE STRENGTH	
					psi		psi
General	H-40	40,000				60,000	87 Rb
Service	J-55	55,000				75,000	100 Rb
	K-55	55,000				95,000	24 Rc
Sour	L-80	80,000				95,000	23 Rc
Service	C90	90,000				100,000	25.4 Rc
	T95	95,000				105,000	25.4 Rc
High Strength	N-80	80,000				100,000	31 Rc
	P-110	110,000				125,000	34 Rc
	Q-125	125,000				135,000	38 Rc
High Collapse	HCK-55	55,000			75,000	95,000	21 Rc
	HCN-80	80,000			95,000	100,000	31 Rc
	S-95	95,000			95,000	110,000	31 Rc
	HCP-110	110,000			110,000	125,000	34 Rc
	HCQ-125	125,000			125,000	135,000	38 Rc