

Pipe Characteristics Tables						
USED TUBING & CASING EMI COLOR BANDING						
Band Color	Wall Loss	Common Use and Comparison			OCTG Range Table	
White	0-12.5%	Like new. Within API specs for new pipe.			Range	Length (feet)
Yellow	12.5-15%	Almost like new. Commonly used in applications instead of new.			1	16-25'
Double Yellow	16-20%	High end of "Blue Band". Used at approx. 70%-75% of new design factors.			2	25-34'
Blue	21-30%	Medium grade used condition. Used at approx. 50% of new design factors.			3	34'+
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.				
API GRADE CHARACTERISTICS						
Application	Grade	LONGITUDINAL MIN. YIELD STRENGTH	MIN. YIELD STRENGTH IN COLLAPSE psi	MIN. TENSILE STRENGTH psi	MAX. HARDNESS	
General Service	H-40	40,000		60,000	87 Rb	
	J-55	55,000		75,000	100 Rb	
	K-55	55,000		95,000	24 Rc	
Sour Service	L-80	80,000		95,000	23 Rc	
	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	

