



Paint-Banding Identification Method for OCTG

Paint-banding is an approved color code labeling method for quick identification of OCTG casing and tubing standardized by API 5CRA/5CT.

Though there can be some variance among manufacturers, CRA labels in accordance with API specification 5CRA/ ISO 13680. To this standard, color bands are painted around the circumference of the pipe near the end of the product and run mill to field, or box to pin-end. The three band color-coding sequence identifies the pipe material category and grade. The first two paint bands, closest to the mill or box-end, represent the material category, such as alloy 2550 or 2535. The third band identifies the material grade or minimum yield strength of the material, such as 110 or 125 ksi.



Pictured to the left, paint-banding identifies CRA manufactured 2550 and 2535 in accordance to API Spec 5CRA.



COLOR CODING FOR MATERIAL CATEGORY & GRADE
 PER API SPECIFICATION 5CRA/ISO 13680

Alloy	Material Category		Material Grade	
	1st Band	2nd Band	ksi	3rd Band
Super 13 Chrome	White	Green	80	Red
22 Chrome Duplex	Red	Red	90	Brown
25 Chrome Duplex	Red	Orange	95	Silver
Super Duplex 25CRS/25CRW	Red	Yellow	110	White
28 Chrome	Green	Brown	125	Orange
2535	Green	Orange	140	Green
825	Yellow	Yellow		
2035	White	Blue		
G2	Yellow	Green		
G3	Yellow	Orange		
2550/ 2550E	Yellow	Green		
G50	Yellow	Blue		
C276	Yellow	Brown		