

 VALLOUREC & MANNESMANN TUBES	TECHNICAL NOTE Change of colour coding on V&M Super 13%Cr grades: VM 95 13CRSS, VM 110 13CRSS	Ref.: JM/10/033 Date: 01/01/2010
OCTG DIVISION	Marketing and Development / Technical sales	Page : 1/1

Dear Customers,


As a world leading supplier of premium material for the OCTG industry, V&M is producing its proprietary Super Martensitic grades (Super 13Cr) VM 95 13CRSS and VM 110 13CRSS according to today's industry standard: **ISO 13680:2008: Corrosion-resistant alloy seamless tubes for use as casing, tubing and coupling stock.**

The normative appendix C of this new standard sets the colour coding for the material category and grade (table C.24 and C.25). In order to be compliant with ISO 13680:2008 requirements, V&M has changed accordingly the colour coding of its proprietary grades VM 95 13CRSS and VM 110 13CRSS.

The new colour coding is described below:

Grade designation	Coupling colour code	Pipe colour code for threaded and/or plain end pipes	
VM 95 13CRSS	Fully Yellow + white, green & silver bands	White, green & silver bands	
VM 110 13CRSS	Fully Yellow + white, green & white bands	White, green & white bands	

The former colour code was:

Grade designation	Coupling colour code	Pipe colour code for threaded and/or plain end pipes	
VM 95 13CRSS	Fully Brown + yellow & orange bands	Brown, yellow & orange bands	
VM 110 13CRSS	Fully White + yellow band	White & yellow bands	