

API Ballot 6766

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Work Item Number	2475
Title of Work Item	API 5CT Pup Joint Painting Clarification
Ballot Revision Level	0
Type of Ballot (Initial, Comment, Comment resolution (reference API ballot#), 1 st Re-ballot, 2 nd Re-ballot, etc.)	Initial Ballot
Submitter Name(s)	Joe Majkrzak
API Document Modified	API 5CT 11 th Edition, Addendum 1
Impacted Documents	None
Revision Key	Current API document in black, Deletions in red strikethrough , Additions in red with gray highlight

Work Item Charge: Revise the wording in section 10.4.5 and update Tables C.41/E.41 to clearly identify how pup joints shorter than 1.8 m (6 ft) are to be painted.

Ballot Rationale: The current text and tables do not clearly identify how to paint pup-joints shorter than 1.8 m (6 ft). This work item is to make clear how to paint pup-joints and to align the requirement to industry needs. Some users have a concern with painting the full length causing well contamination and slippage in tongs at the rig. Some manufacturers have a concern that product stencils on shorter lengths will overwrite the paint bands. The proposed text is to attempt to address these concerns.

Ballot Text: See text below.

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10.4.2 Product **Ordered** 1.8 m (6 ft) and Longer

10.4.5 Pup Joints **Ordered** Shorter Than 1.8 m (6 ft) in Length

Apply the appropriate color bands with a band width of 12.7 mm (1/2 in.) to outside surface within 304.8 mm (12 in.) of either end as specified in 10.4.6. When the product length is not sufficient to apply the required stencil without interfering with the paint bands, the product shall be painted as a coupling (see 10.4.3). The threads shall not be painted.

~~For all Grades, except L80-3Cr, L80-9Cr, and L80-13Cr, the entire circumferential surface of the pup joint, except the threads, shall be painted, including the appropriate color bands.~~

~~For Grades L80-9Cr and L80-13Cr, apply only the appropriate color bands with a band width of 12.7 mm (1/2 in.) to the outside surface.~~

~~For Grade L80-3Cr, the entire outside surface except the threads shall be painted including the appropriate color bands. By agreement between the purchaser and the manufacturer, only the appropriate color bands shall be applied to the outside surface with a band width of 12.7 mm (1/2 in.).~~

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Table C.1—Grade Color Codes

Grade	Grade Type	Number and Color of Bands for Product ^a with Length ≥ 1.8 m	Color(s) for Couplings	
			Entire Coupling Circumferential Surface	Band(s) ^{b, c}
1	2	3	4	5
H40	—	None or black band at the manufacturer's option	None	Same as for pipe
J55 Tubing	—	One bright green	Bright green	None
J55 Casing	—	One bright green	Bright green	One white
K55	—	Two bright green	Bright green	None
N80	1	One red	Red	None
N80	Q	One red, one bright green	Red	Green
R95	—	One brown	Brown	None
L80	1	One red, one brown	Red	One brown
L80	3Cr	One red, one white	Red ^d	One white
L80	9Cr	One red, one brown, two yellow	None	Two yellow
L80	13Cr	One red, one brown, one yellow	None	One yellow
C90	—	One purple	Purple	None
T95	—	One silver	Silver	None
C110	—	One white, two brown	White	Two brown
P110	—	One white	White	None
Q125	—	One orange	Orange	None
^a In the case of coupling material, unless otherwise specified in the purchase agreement, the manufacturer's internal requirements shall govern. ^b Special clearance couplings shall also have a black band. ^c Seal-ring couplings shall also have a blue band. ^d The painting of the entire coupling surface may be waived; see 10.4.				

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Table E.2—Grade Color Codes

Grade	Grade Type	Number and Color of Bands for Product ^a with Length ≥ 6.0 ft	Color(s) for Couplings	
			Entire Coupling Circumferential Surface	Band(s) ^{b, c}
1	2	3	4	5
H40	—	None or black band at the manufacturer's option	None	Same as for pipe
J55 Tubing	—	One bright green	Bright green	None
J55 Casing	—	One bright green	Bright green	One white
K55	—	Two bright green	Bright green	None
N80	1	One red	Red	None
N80	Q	One red, one bright green	Red	Green
R95	—	One brown	Brown	None
L80	1	One red, one brown	Red	One brown
L80	3Cr	One red, one white	Red ^d	One white
L80	9Cr	One red, one brown, two yellow	None	Two yellow
L80	13Cr	One red, one brown, one yellow	None	One yellow
C90	—	One purple	Purple	None
T95	—	One silver	Silver	None
C110	—	One white, two brown	White	Two brown
P110	—	One white	White	None
Q125	—	One orange	Orange	None
^a In the case of coupling material, unless otherwise specified in the purchase agreement, the manufacturer's internal requirements shall govern. ^b Special clearance couplings shall also have a black band. ^c Seal-ring couplings shall also have a blue band. ^d The painting of the entire coupling surface may be waived; see 10.4.				