



6600 South Harlem Avenue  
Argo, IL 60501-1930

Material Test Report

WELDBEND CORPORATION  
PO Box 2388  
Sulphur, LA  
PO: P0238406-01


Quantity


Product


Heat Code

Heat Treatment Info

Steel Mill

48	3" XS LR 90° Elbow										A216472	Hot Formed			PLYMOUTH TUBE CO.				
C	Mn	P	S	Si	Cr	Ni	Mo	V	Al	Ti	B	CB	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.20	1.10	0.012	0.007	0.33	0.18	0.07	0.14	0.030	0.05	0.023	0.001	-	88,000	50,000†	21.60	-	188	191	
CE (IW): 0.445																			

18	2" Std LR 45° Elbow										3129	Hot Formed			PLYMOUTH TUBE CO.				
C	Mn	P	S	Si	Cr	Ni	Mo	V	Al	Ti	B	CB	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.18	0.73	0.008	0.020	0.18	0.14	0.06	0.10	0.020	0.00	0.018	-	-	73,800	50,000†	26.70	-	163	165	
CE (IW): 0.340																			

12	3" Std LR 45° Elbow										A216472	Hot Formed			PLYMOUTH TUBE CO.				
C	Mn	P	S	Si	Cr	Ni	Mo	V	Al	Ti	B	CB	Tens.	Yield	Elong	ROA	BHN	BHN2	
0.20	1.10	0.012	0.007	0.33	0.18	0.07	0.14	0.030	0.05	0.023	0.001	-	87,500	50,000†	22.10	-	190	195	
CE (IW): 0.445																			

We hereby certify that the material meets the following:

- All fittings and flanges meet NACE MR0-175/ISO 15156-1 latest Revision.
- All fittings and flanges meet NACE MR0-103 - Latest Revision.
- All non high yield fittings meet the requirements of ASTM A-234 WPB (AND SA-234).
- All fittings are seamless except as noted.
- All non-high yield flanges meet the requirements of ASTM A-105 (AND SA-105)
- Starting Material Seamless Pipe for elbows, tees and reducers.
- Plate for caps and welded fittings.
- Bars, Blisters or Blooms for flanges and certain caps and tees.
- Ladle Chemistry Reported
- † This indicates that the reported yield is capped at 50,000 psi.

*Richard Purpura*

Richard Purpura  
Quality Assurance Department  
1/26/2023



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We hereby certify that the material meets the following:

- ISO 9001:2015 CERTIFIED MANUFACTURER
- Test Results herein are correct as contained in test records retained by the company in accordance with PED Annex 1, Paragraph 4.3 of 2014/68/EU
- No Weld Repair Performed. No Lead Content. No Mercury Content.
- Knowledgeably making false, inclusions, or fraudulent statements on a MTR may result in legal liability.
- Material has been manufactured/supplied and tested in accordance with the most current version of the Weldbend Quality System Program
- MTR Issued in accordance with EN 10204 paragraph 3.1

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