



6600 South Harlem Avenue
Argo, IL 60501-1930

Material Test Report

WELDBEND CORPORATION
PO Box 2388
Sulphur, LA
PO: P0248458-01

<u>Quantity</u>		<u>Product</u>										<u>Heat Code</u>					<u>Heat Treatment</u>					<u>Steel Mill</u>
60		4" Class 150 Slip-on RF										HR2					Hot Formed					CMC STEEL
<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Cu</u>	<u>Ni</u>	<u>Cr</u>	<u>Mo</u>	<u>V</u>	<u>Al</u>	<u>Ti</u>	<u>B</u>	<u>Cb</u>	<u>CE (IIW)</u>	<u>Tens.</u>	<u>Yield</u>	<u>Elon</u>	<u>ROA</u>	<u>BHN</u>	<u>BHN2</u>	A 105-23 Dimensional Specification: B16.5	
L 0.19	1.00	0.008	0.013	0.21	0.30	0.09	0.05	0.020	0.00	0.002	0.001	0.0005	0.001	0.397	77,000	43,000	32.00	67.00	146	147	A 105	

<u>Quantity</u>		<u>Product</u>										<u>Heat Code</u>					<u>Heat Treatment</u>					<u>Steel Mill</u>
22		10" Class 150 Slip-on RF										Y977					Hot Formed					CMC STEEL
<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Cu</u>	<u>Ni</u>	<u>Cr</u>	<u>Mo</u>	<u>V</u>	<u>Al</u>	<u>Ti</u>	<u>B</u>	<u>Cb</u>	<u>CE (IIW)</u>	<u>Tens.</u>	<u>Yield</u>	<u>Elon</u>	<u>ROA</u>	<u>BHN</u>	<u>BHN2</u>	A 105-18 Dimensional Specification: B16.5	
L 0.18	1.00	0.009	0.016	0.22	0.27	0.09	0.07	0.026	0.00	0.003	0.001	0.0002	0.001	0.390	80,000	44,300	30.00	64.00	157	160	A 105	

<u>Quantity</u>		<u>Product</u>										<u>Heat Code</u>					<u>Heat Treatment</u>					<u>Steel Mill</u>
18		12" Class 150 Slip-on RF										3DE03					Hot Formed					RIVA
<u>C</u>	<u>Mn</u>	<u>P</u>	<u>S</u>	<u>Si</u>	<u>Cu</u>	<u>Ni</u>	<u>Cr</u>	<u>Mo</u>	<u>V</u>	<u>Al</u>	<u>Ti</u>	<u>B</u>	<u>Cb</u>	<u>CE (IIW)</u>	<u>Tens.</u>	<u>Yield</u>	<u>Elon</u>	<u>ROA</u>	<u>BHN</u>	<u>BHN2</u>	A 105-18 Dimensional Specification: B16.5	
L 0.18	1.03	0.010	0.007	0.24	0.18	0.08	0.17	0.010	0.00	0.030	0.019	0.0001	0.001	0.405	78,200	44,600	31.60	67.00	156	158	A 105	

Fine Grain Practice

We hereby certify that the material meets the following

- All fittings and flanges meet NACE MRO-175/ISO 15156-Latest Revision.
- All fittings and flanges meet NACE MRO-103 - Latest Revision.
- All non high-yield fittings meet the requirements of ASTM A-234 WPB (AND SA-234)
- All non high-yield flanges meet the requirements of ASTM A-105 WPB (AND SA-105)
- All elbows, tees and reducers are seamless, except as noted.
- Plate for caps and welded fittings.
- Bars, Billets or Blooms for flanges and certain caps and tees.
- MTR only valid with QR code linking to traceability.weldbend.com

† This indicates that the reported yield is capped at 50,000 psi.
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Richard Purpura

Richard Purpura
Quality Assurance Department
4/16/2024



Scan For Online
Report

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.
- Knowingly making false, fictitious, 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
- L denotes ladle chemistry, P denotes product chemistry.

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Cert #387230