

Heat: 609500
Your PO: PO243642

Order: 3181873 Line: 1
Item: 2" STD 0.154" PIPE CW A53 GR B T&C SRL



Zekelman Industries
Wheatland Tube Division
One Council Ave.
Wheatland, PA 16161 USA

CERTIFIED MATERIAL TEST REPORT

Type 3.1/3.1.B in accordance with EN10204:2004 & ISO 10474:2013

CUSTOMER PO # 354626-00
SALES ORDER # 1299032
DELIVERY # 82374011
DATE OF CREATION 06/16/2023
PLANT Council - Wheatland , PA

Heat Analysis

Heat/Run	Value	Item Description	C	Mn	P	S	Cu	Ni	Cr	Mo	V	Si	Al	Nb	Ti	B
Run	609910	3/4 x 21 STD A53F SURETHREAD BLK PE	0.21	0.77	0.008	0.004	0.030	0.020	0.050	0.010	0.001	0.020	0.050	0.000	0.000	0.0000
Run	609700	2 x 21 STD A53F SURETHREAD GAL TC	0.18	0.83	0.008	0.001	0.090	0.030	0.060	0.010	0.003	0.030	0.026	0.000	0.000	0.0002
Run	609310	1-1/4 x 21 XH A53F SURETHREAD BLK PE	0.14	0.50	0.015	0.007	0.020	0.020	0.050	0.010	0.001	0.010	0.017	0.000	0.000	0.0000
Run	609400	1 x 21 XH A53F SURETHREAD GAL TC	0.05	0.40	0.008	0.001	0.100	0.030	0.050	0.010	0.002	0.020	0.029	0.001	0.001	0.0003
Run	609930	1 x 21 STD A53FB SURETHREAD BLK PE	0.05	0.59	0.014	0.002	0.120	0.040	0.080	0.010	0.006	0.230	0.020	0.015	0.071	0.0001
Run	609720	1 x 21 STD A53FB SURETHREAD BLK TC	0.18	0.84	0.010	0.005	0.087	0.053	0.090	0.023	0.005	0.019	0.033	0.001	0.001	0.0000
Run	609890	1-1/4 x 21 STD A53FB SURETHREAD BLK PE	0.21	0.74	0.009	0.003	0.050	0.020	0.050	0.000	0.001	0.020	0.052	0.000	0.000	0.0000
Run	609550	1-1/2 x 21 STD A53FB SURETHREAD BLK PE	0.19	0.69	0.009	0.002	0.090	0.030	0.050	0.010	0.000	0.020	0.030	0.000	0.001	0.0000
Run	609500	2 x 21 STD A53FB SURETHREAD BLK TC	0.18	0.83	0.012	0.003	0.117	0.064	0.086	0.024	0.004	0.027	0.037	0.000	0.002	0.0000

Tensile Test Results

Heat/Run	Value	Item Description	Test Date	Y/S	T/S	EL	HRB	Y/T Ratio
Run	609910	3/4 x 21 STD A53F SURETHREAD BLK PE	06/09/2023	042069	068022	42	N/A	0.62
Run	609700	2 x 21 STD A53F SURETHREAD GAL TC	04/19/2023	043308	072051	38	N/A	0.60
Run	609310	1-1/4 x 21 XH A53F SURETHREAD BLK PE	01/10/2023	038142	062078	43	N/A	0.61
Run	609400	1 x 21 XH A53F SURETHREAD GAL TC	02/03/2023	033031	049803	55	N/A	0.66
Run	609930	1 x 21 STD A53FB SURETHREAD BLK PE	06/15/2023	071270	090314	32	N/A	0.79
Run	609720	1 x 21 STD A53FB SURETHREAD BLK TC	05/05/2023	046463	071768	40	N/A	0.65
Run	609890	1-1/4 x 21 STD A53FB SURETHREAD BLK PE	06/07/2023	042950	068690	35	N/A	0.63
Run	609550	1-1/2 x 21 STD A53FB SURETHREAD BLK PE	03/14/2023	042014	069508	39	N/A	0.60
Run	609500	2 x 21 STD A53FB SURETHREAD BLK TC	02/27/2023	044235	070184	36	N/A	0.63

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COMMENTS:

This is to certify the product described herein was Made in the USA by the Wheatland Tube Company, a division of Zekelman Industries, and has been sampled, tested and/or inspected in accordance with the latest revision, at the time of manufacture, of the specification listed above and fulfills the requirements in such respects. All the required mechanical, physical, hydrostatic, non-destructive, flattening, and bend tests have been successfully completed. The product(s) described above meet(s) one of the following specifications:

- Continuous Butt Weld (CW) Steel Pipe SureThread™ meeting the requirements of ASTM A53/A53M 2022/ASME SA53 2015 Type F, Grade A
- Continuous Butt Weld (CW) Steel Pipe SureThread™ meeting the requirements of ASTM A53/A53M 2022 Type F, Grade B
- Electric Resistance Welded (ERW) Steel Pipe meeting the requirements of ASTM A53/A53M 2022/ASME SA53 2015, Type E, Grade B
- Small Diameter (ERW) Steel Pipe meeting the requirements of ASTM A53/A53M 2022/ASME SA53 2015, Type E, Grade A (1/8", 1/4" and 3/8")
- Electric Resistance Welded (ERW) Steel Pipe meeting the requirements of ASTM A135/A135M 2021, Type E, Grade A
- Electric Resistance Welded (ERW) Steel Pipe meeting the requirements of ASTM A795/A795M 2021, Type E, Grade A
- Continuous Butt Weld (CW) Steel Pipe meeting the requirements of ASTM A795/A795M 2021, Type F, Grade A
- Steel Fence Pipe meeting the requirements of ASTM F1083 2018(R2022)
- Steel Coupling Stock meeting the requirements of ASTM A865/A865M 2017

*Note: 8 inch and 10 inch Schedule 10 ASTM A135 Black and Galvanized pipe is made in Canada (Zekelman Industries) and finished in the USA.

*Note: 8 inch through 18 inch ASTM A53 ERW Grade B pipe is made in the USA.

Tiffany Dunworth
Technical Services Manager

M&M USA

"M&M USA" designation denotes materials that are 100% melted and manufactured in the USA.