

**Sold By:**  
**NUCOR TUBULAR PRODUCTS INC.**  
MARSEILLES DIVISION  
1201 E. BROADWAY  
MARSEILLES, IL 61341  
Tel: 815 404-5300  
Fax: 815 795-4449

Purchase Order No: 4500549537  
Sales Order No: MAR 457805 - 1  
Bill of Lading No: MAR 269173 - 4  
Invoice No:

Shipped: 4/18/2023  
Invoiced:

**CERTIFICATE of ANALYSIS and TESTS**

Customer Part No:

Certificate No: MAR 975472

Test Date: 4/14/2023

**TUBING A500 GRADE B(C)**  
**3" SQ X 5/16" X 20'**

Total Pieces 20  
Total Weight Lbs 4,232

Bundle Tag	Mill	Heat	Specs	Y/T Ratio	Pieces	Weight Lbs
614085	78N	2302280	YLD=60972/TEN=81377/ELG=23.5	0.7493	20	4,232

Mill #: 78N Heat #: 2302280 Carbon Eq: 0.3614 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

C	Mn	P	S	Si	Al	Cu	Cr	Mo	V	Ni	Sn	N
0.2100	0.8100	0.0070	0.0030	0.0300	0.0270	0.0900	0.0300	0.0100	0.0020	0.0300	0.0050	0.0050
Ti	Ca											
0.0010	0.0020											

**Certification:**

I certify that the above results are a true and correct copy of records prepared and maintained by NUCOR TUBULAR PRODUCTS INC. Sworn this day, 4/14/2023.

THE SPECIFICATIONS LISTED BELOW REPRESENT THE CURRENT ISSUED DATES OF THESE STANDARDS. THIS DOES NOT INDICATE THAT THE MATERIAL ABOVE CONFORMS TO EACH OR ALL OF THE STANDARDS. WE CERTIFY THE MATERIAL ABOVE TO THE SPECIFICATION LISTED IN THE LINE DESCRIPTION.

CURRENT STANDARDS:  
A252-19  
A500/A500M-21  
A513/A513M-21  
ASTM A53/A53M-20| ASME SA-53/SA-53M-21  
A847/A847M-14  
A1085/A1085M-15  
IN COMPLIANCE WITH EN 10204 SECTION 4.1  
INSPECTION CERTIFICATE TYPE 3.1



**Dawn Gowder**  
Quality Supervisor NTP North