

Sold By:  
NUCOR TUBULAR PRODUCTS INC.  
BIRMINGHAM DIVISION  
3525 RICHARD ARRINGTON JR. BLVD N  
BIRMINGHAM, AL 35201  
Tel: 205 251-1884  
Fax: 205 251-1553

Purchase Order No: 4500543641  
Sales Order No: BHM 597746 - 3  
Bill of Lading No: BHM 54004 - 3  
Invoice No:

Shipped: 1/30/2023  
Invoiced:

LONGVIEW, TX 75604

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**CERTIFICATE of ANALYSIS and TESTS**

Certificate No: BHM 922536

Test Date: 1/25/2023

Customer Part No:

Total Pieces 40      Total Weight Lbs 23,250

TUBING A500 GRADE B(C)  
8" X 4" X 3/16" X 40'

| Bundle Tag | Mill | Heat   | Specs                             | Y/T Ratio | Pieces | Weight Lbs |
|------------|------|--------|-----------------------------------|-----------|--------|------------|
| 198188     | 40N  | NM5060 | YLD=63000/TEN=74800/ELG=30        | 0.8422    | 8      | 4,650      |
| 198193     | 40N  | NM5060 | YLD=63000/TEN=74800/ELG=30        | 0.8422    | 8      | 4,650      |
| 198194     | 40N  | NM5060 | YLD=63000/TEN=74800/ELG=30        | 0.8422    | 8      | 4,650      |
| 198195     | 40N  | SM5409 | YLD=55800/TEN=71600/ELG=30/RWB=83 | 0.7793    | 8      | 4,650      |
| 198198     | 40N  | SM5409 | YLD=55800/TEN=71600/ELG=30/RWB=83 | 0.7793    | 8      | 4,650      |

Mill #: 40N Heat #: NM5060 Carbon Eq: 0.2775 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

| C      | Mn     | P      | S      | Si     | Al     | Cu     | Cr     | Mo     | V      | Ni     | Nb     | Sn     |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.1900 | 0.4000 | 0.0030 | 0.0020 | 0.0270 | 0.0270 | 0.1200 | 0.0400 | 0.0100 | 0.0010 | 0.0400 | 0.0060 | 0.0010 |

| N      | B      | Ti     | Ca     |
|--------|--------|--------|--------|
| 0.0064 | 0.0001 | 0.0010 | 0.0020 |

Mill #: 40N Heat #: SM5409 Carbon Eq: 0.2897 Heat Src Origin: MELTED AND MANUFACTURED IN THE USA

| C      | Mn     | P      | S      | Si     | Al     | Cu     | Cr     | Mo     | V      | Ni     | Nb     | Sn     |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 0.2000 | 0.4000 | 0.0050 | 0.0030 | 0.0290 | 0.0320 | 0.1200 | 0.0500 | 0.0100 | 0.0020 | 0.0400 | 0.0010 | 0.0020 |

| N      | B      | Ti     | Ca     |
|--------|--------|--------|--------|
| 0.0056 | 0.0001 | 0.0020 | 0.0024 |