

Material: ASTM B 725 N02201

Standard Specification for Nickel and Nickel Copper Alloy Pipe

Group: Non-Ferrous Nickel Alloys

Sub Group: ASTM B 725 N02201 Nickel and Nickel Copper Alloy Pipe

Application: Intended for Valve, Pump, General Engineering, Automotive and other Industries

Grade Belongs to the Industry: Pipe

| Chemical Composition | | |
|----------------------|------|------------|
| Carbon | C % | 0.020 max. |
| Silicon | Si % | 0.350 max. |
| Manganese | Mn % | 0.350 max. |
| Copper | Cu % | 0.250 max. |
| Sulphur | S % | 0.010 max. |
| Iron | Fe % | 0.400 max. |
| Nickel | Ni % | Balance |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |
| - | - | - |

| Heat Treatment |
|--------------------------------------|
| As-Cast or Annealing or Age Hardning |

| Mechanical Properties | |
|-------------------------|----------|
| Tensile Strength in Mpa | 345 min. |
| Yield Strength in Mpa | 70 min. |
| Elongation in % | 15 min. |
| Reduction of Area in % | - |
| Hardness in BHN | - |
| Impact in Joule | - |

| Cross Reference Table | | | |
|-----------------------|----------|---------|------------------------------|
| Material | Standard | Country | Grade Belong to the Industry |
| N02201 | UNS | USA | Pipe |
| B 730 N02201 | ASTM | USA | Tube |
| B 160 N02201 | ASTM | USA | Rod and Bar |
| B 161 N02201 | ASTM | USA | Pipe and Tube |
| B 162 N02201 | ASTM | USA | Plate, Sheet and Strip |
| B 163 N02201 | ASTM | USA | Tube |
| SB-160 N02201 | ASME | USA | Rod and Bar |

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