



Metline Industries

Manufacturer of Pipes | Fittings | Flanges

Pipes/Tubes - Butt weld Pipe Fittings – Bends – Forged Fittings – Forged Flanges - Fasteners

An ISO 9001:2008 Certified Company, Metline Industries is a leading manufacturer, exporter and supplier of a high quality 70/30 brass tubes and pipes. A Copper Zinc Alloy in the ratio of 70/30 containing small amount of arsenic to help against dezincification. These tubes are widely used for sugar industries, hand pumps and are widely also known as “Sugar Brass Tubes”.

70/30 Brass Tubes/Brass Pipes

| STANDARD | BS 2871 | ASTM B | NFA 51 | IS | JIS | AS | DIN | IS |
|-------------------------------------|-----------|-----------|-------------|-----------|-------------|------------|---------------|-----------|
| | PART 3 | 135 | 102 | 407 | H3300 | 1572 | 17671 | 1545 |
| SYMBOL | CZ 126 | C 26000 | CuZn30 | CuZn30As | C 2600 | 259 | CuZn30 2.0265 | CuZn30As |
| Cu | 69.0-71.0 | 68.5-71.5 | 68.5-71.5 | 68.5-71.5 | 68.5-71.5 | 69.0-71.0 | 69.0-71.0 | 69.0-71.0 |
| Sn | - | - | - | - | - | - | 0.05 | - |
| Al | - | - | - | - | - | - | 0.02 | - |
| Pb | 0.07 | 0.07 | 0.07 | 0.07 | 0.07 | 0.05 | 0.05 | 0.07 |
| Ni | - | - | - | - | - | - | 0.2 | - |
| Fe | 0.06 | 0.05 | 0.06 | 0.06 | 0.05 | 0.05 | 0.05 | 0.06 |
| Zn | REM. | REM. | REM. | REM. | REM. | REM. | REM. | REM. |
| As | 0.02-0.06 | - | 0.02-0.06 | 0.02-0.06 | - | 0.02-0.06 | - | 0.02-0.06 |
| TOTAL IMPURITIES MAX | | | | | | | | |
| | 0.3 | - | 0.3 | 0.3 | - | - | 0.1 | 0.3 |
| CONDITION | M | H58 | - | O | O | O | F28 | O |
| | TA | H80 | - | TA | OH | 1/4H | F35 | TA |
| | O | - | - | HD | 1/2H | 1/2H | F42 | HD |
| | - | - | - | - | H | H | - | - |
| YIELD STRENGTH N / MM ² | - | - | - | - | - | - | 180Max. | - |
| | - | - | - | - | - | - | 200Max. | - |
| | - | - | - | - | - | - | 320Max. | - |
| TENSILE N / MM ² Minimum | - | 370 | - | 285Mpa | 275 | 280-350Mpa | 280-350 | 375Max. |
| | - | 455 | - | 300Mpa | 275 | 320Mpa | 350-420 | 340 |
| | - | - | - | 400Mpa | 373 | - | 420 | 385 |
| | - | - | - | - | 451 | 400Mpa | - | - |
| ELONGATION Percent (%) Minimum | - | - | - | - | 45 | 40 | - | - |
| | - | - | - | - | 45 | 35 | - | 55 |
| | - | - | - | - | 20 | - | - | - |
| HARDNESS HV5 | 150Min. | - | - | 75Max. | - | 80Max. | - | 80Max. |
| | | | | | | 80-105 | - | |
| | 80.105 | - | 80.105 | 80-110 | - | 95-130 | - | 80-105 |
| | | | | | | | | |
| | 75Max. | - | - | 135Min. | - | 150Min. | - | 130Min. |
| GRAIN SIZE mm(75X) | - | - | - | - | 0.025-0.060 | 0.065Max. | - | - |
| | 0.05Max. | - | 0.010-0.045 | - | 0.035Min | 0.035Max. | - | - |
| | - | - | - | - | - | - | - | - |

Exports: Brazil, South Africa, Nigeria, UAE, Bahrain, Italy, Indonesia, Malaysia, United States, Mexico, China, Brazil, Peru, Nigeria, Kuwait, Jordan, Dubai, Thailand (Bangkok), Venezuela, Iran, Germany, UK, Canada, Russia, Turkey, Australia, New Zealand, Sri Lanka, Vietnam, South Africa, Kazakhstan and Saudi Arabia, Oman

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