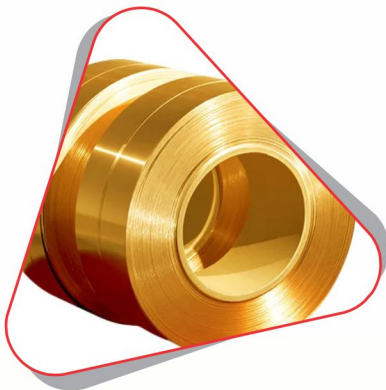


ABOUT THE PRODUCT & THEIR APPLICATIONS

BRASS

Brass is an alloy of copper and zinc, in proportions which can be varied to achieve varying mechanical and electrical properties. It is a substitutional alloy: atoms of the two constituents may replace each other within the same crystal structure.

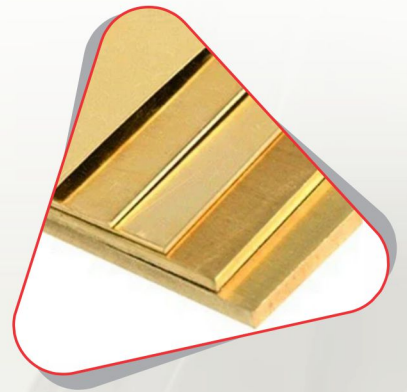


BRASS COIL

Brass Coils or Strips in continuous lengths are used in industry where fast production is required. They are put on spools with continuous feeders in to the presses which have progressive dies to achieve high productivity with excellent accuracy. NEXIM is a leader in manufacturing high quality strips which are used directly without any problems in such automated presses & machineries.

BRASS SHEETS

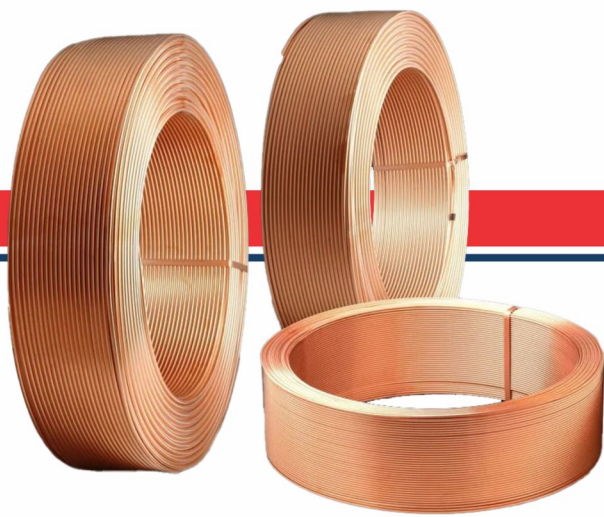
NEXIM is a pioneer in sheet manufacturing. We are manufacturing various combinations of widths & lengths such as 14 x 48.24 x 48, 48 x 48 & 48 x 96 to suit to the demands of the user industry. Sheets are usually useful in industries for keeping stocks to meet any urgent requirements. The bigger sizes are mainly used in the perforation industry for manufacturing filters & meshes.



BRASS CIRCLES

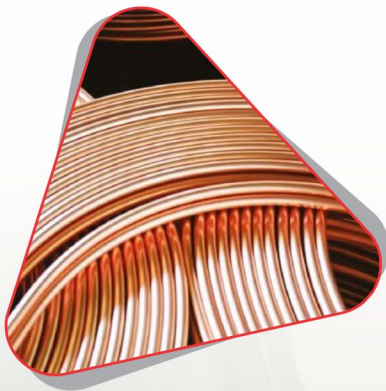
Brass Circles mainly find use in the handicraft industry, hot water geysers and utensil manufacturing. NEXIM has been catering to such users dependably since its inception.





COPPER

Copper is a chemical element with the symbol Cu (from Latin; cuprum) and atomic number 29. It is a soft, malleable, and ductile metal with very high thermal and electrical conductivity. A freshly exposed surface of pure copper has a pinkish-orange colour. Copper is used as a conductor of heat and electricity, as a building material, and as a constituent of various metal alloys, such as sterling silver used in jewellery, cupronickel used to make marine hardware and coins, and constantan used in strain gauges and thermocouples for temperature measurement.

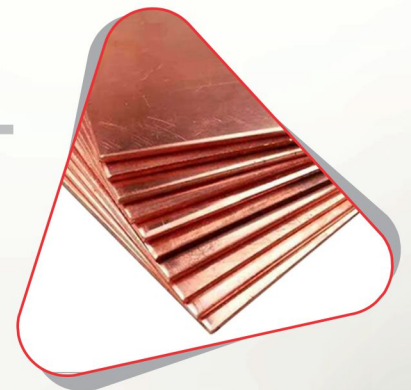


COPPER COIL

Copper Coils or Strips in continuous lengths are used in industry where fast production is required. They are put on spools with continuous feeders into the presses which have progressive dies to achieve high productivity with excellent accuracy. NEXIM is a leader in manufacturing high quality strips which are used directly without any problems in such automated presses & machineries.

COPPER SHEETS

NEXIM is a pioneer in sheet manufacturing. We are manufacturing various combinations of widths & lengths such as 14 x 48, 24 x 48, 48 x 48 & 48 x 96 to suit to the demands of the user industry. Sheets are usually useful in industries for keeping stocks to meet any urgent requirements. The bigger sizes are mainly used in the lamination stamping industry for manufacturing of Alternators and other ancillary equipments.



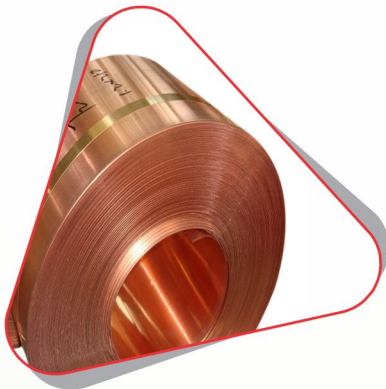
COPPER CIRCLES

Copper Circles mainly find use in the handicraft industry, hot water geysers and utensil manufacturing. NEXIM has been catering to such users dependably since its inception.



PHOSPHOR BRONZE

Phosphor bronze is a member of the family of copper alloys, it is composed of copper that is alloyed with 0.5-11% of tin and 0.01-0.35% phosphorus, and may contain other elements to confer specific properties (e.g. lead at 0.5-3.0% to form free-machining phosphor bronze). Alloyed tin increases the corrosion resistance and strength of copper, while phosphorus increases its wear resistance and stiffness.

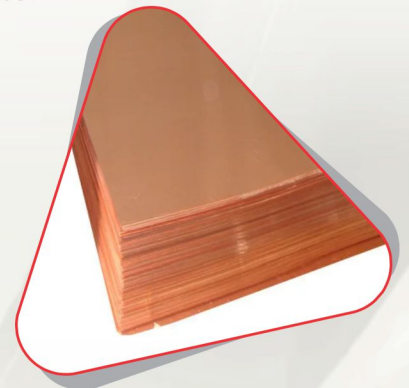


PHOSPHOR BRONZE COIL

Phosphor Bronze Coils or Strips in continuous lengths are used in industry where fast production is required. They are put on spools with continuous feeders in to the presses which have progressive dies to achieve high productivity with excellent accuracy. NEXIM is a leader in manufacturing high quality strips which are used directly without any problems in such automated presses & machineries.

PHOSPHOR BRONZE SHEETS

NEXIM is a pioneer in sheet manufacturing. We are manufacturing various combinations of widths & lengths such as 14 x 48, 24 x 48, 48 x 48 & 48 x 96 to suit to the demands of the user industry. Sheets are usually useful in industries for keeping stocks to meet any urgent requirements. The bigger sizes are mainly used for aesthetic purposes in Temples.



PHOSPHOR BRONZE CIRCLES

Phosphor Bronze Circles mainly find use in the handicraft industry and utensil manufacturing. NEXIM has been catering to such users dependably since its inception.





NEXIM
Alloys

PRODUCTS RANGE

BRASS SHEETS, COILS & CIRCLES

Composition (Cu/Zn%)	60/40, 63/37, 65/35, 67/33, 70/30, 80/20, 86/15, 90/10, 95/05
Temper	Annealed (Soft), Quarter Hard (HA), Half Hard (HB), Hard (HD), Extra Hard (HE), Spring Hard (HS)
Hardness Range	60 VPN - 220 VPN

Dimensions*	Thickness		Width / Diameter		Length	
Products	Min.	Max.	Min.	Max.	Min.	Max.
Sheets	0.10	16.0	15.0	1350.0	50.00	3000.0
Coils	0.05	3.50	600	406.00	-	-
Circles	0.20	6.00	40.0	1250.0	-	-

PHOSPHORE BRONZE SHEETS, COILS & CIRCLES

Composition (Cu/Zn%)	60/40, 63/37, 65/35, 67/33, 70/30, 80/20, 86/15, 90/10, 95/05
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Coils	0.05	3.50	600	406.00	-	-
Circles	0.20	6.00	40.0	1250.0	-	-

PHOSPHOR BRONZE COIL

NEXIM ALLOYS is fully equipped for the manufacture of Copper & Copper Alloy Sheets, Strips, Foils & Circles with latest machinery such as

- Continuous Strip Casting Plants
- 4 HI and 20 HI Cold Rolling Mills for sheets, strips and foils
- Pickling Lines
- Cut to length equipment
- Optical Emission Spectrometer
- Complete in-house testing facility for physical and chemical properties of metal
- Hot Rolling Mill for Sheets and Strips
- Strip Milling Lines
- Slitting Lines
- Electrically operated bright annealing furnace
- Automatic Packing Machines

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