Email : sales@scilabexport.com
Phone: +91-7082934803

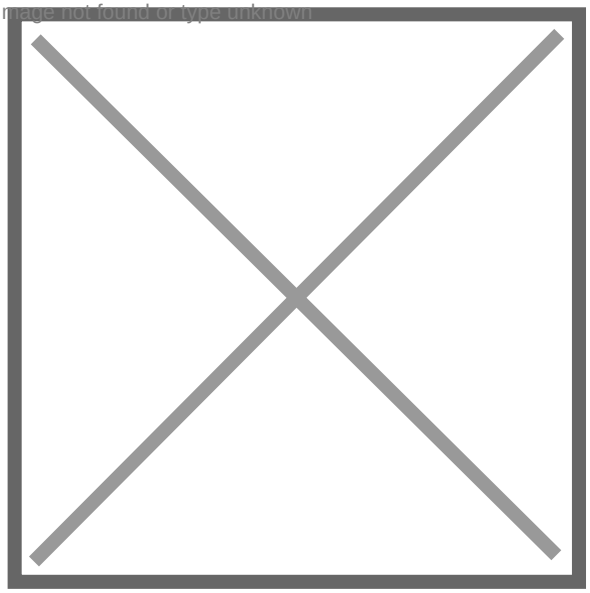
Product Name :

Magnesium (Strip) 4 mm

Product Code :

SCI-627/273

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Description :

Magnesium (Strip) 4 mm (Product Code: SCI-627/273) is a 5 metre length of magnesiumribbon, 4 mm wide and 0.2 mm thick, used for burning-in-air demonstrations, finding the formulaof magnesium oxide and timing metal–acid reactions in school and college chemistry. Its listed melting point of 648 °C and boiling range of 1090 °C also make it a useful example whenteaching the properties of metals. It is supplied by **Jain Scientific Equipments Pvt Ltd (ScienceLab)**, Ambala, India, alongside its school chemistry lab equipment.

Specifications

Parameter	Detail
Form	Magnesium metal strip (ribbon)
Width	4 mm
Thickness	0.2 mm
Length	5 metre
Melting point	648 °C
Boiling range	1090 °C
Heat of fusion	8.48 kJ/mol
Shelf life	Shelf life depends on the chemical, its grade and storage conditions; ask us for the expiry date of the batch you are quoted.
Product code	SCI-627/273
Supplied by	Jain Scientific Equipments Pvt Ltd (ScienceLab), Ambala, India

What Is Magnesium Ribbon Used For?

The classic use is the combustion demonstration: a short piece held in crucible tongs and lit in a Bunsen flame burns with an intensely bright white light and leaves white magnesium oxide. In the quantitative version, students heat a coiled, weighed length in a lidded crucible, lifting the lid briefly to admit air, then reweigh the product to show the gain in mass and work out the oxide's empirical formula.

Because every piece has the same width and thickness, cutting equal lengths gives reproducible samples for comparing how quickly magnesium reacts with acids of different concentrations or temperatures. Rub each piece with sandpaper first to remove the dull oxide film, avoid looking directly at burning magnesium, and keep the coil in a sealed container so that the surface stays bright.

Supplier

Jain Scientific Equipments Private Limited, which trades as ScienceLab, sources magnesium ribbon and supplies it to schools, colleges and laboratory dealers as part of its reactive-metals and c
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