

What is lithium used for?

Lithium (Li) is the lightest solid element and a highly reactive alkali metal with a silvery-white appearance. It is widely used in batteries, aerospace materials, and advanced chemical synthesis. Its exceptional electrochemical properties and low density make it critical for energy storage and lightweight metal applications.

What forms does lithium metal come in?

Lithium Metal comes in various forms, including discs, granules, ingots, pellets, pieces, powder, rods, wire, and sputtering targets.

Why is lithium a good material for energy storage?

Its exceptional electrochemical properties and low density make it critical for energy storage and lightweight metal applications. Goodfellow's lithium (Li) products, including Lithium Coils (rolled sheets), Lithium Foils, and Lithium Rods, are essential materials for energy storage systems, battery manufacturing, and advanced research.

What is elemental lithium?

Elemental lithium is a silvery white metal that is soft enough to be cut with a knife. When exposed to air, it quickly darkens in appearance. Due to its high reactivity, lithium does not occur in its elemental form in nature. Lithium is the key component of technology that is becoming increasingly more prevalent in .

Lithium metal, used in its pure metallic form as well as in combination with other metals, forms the basic building blocks of high-performance materials used in a spectrum of industries such ...

Lithium Alloys Lithium alloys are renowned for their exceptional lightweight properties and high energy density, making them indispensable in various high-performance applications. ...

Looking to buy lithium metal? Discover the best sources, safety tips, and legal considerations for purchasing high-quality lithium metal. Learn how to find reliable suppliers and make informed ...

Lithium metal is a silvery-shiny material and it is the lightest of all metals, with only half the weight of water. Like many other elements, lithium metal reacts with air, but opposite to most of those hardly ...

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Explore Goodfellow's high-purity lithium (Li) materials for energy storage systems, battery technology, and research applications. Browse our range now.

Discover high-purity lithium metal chips and ingots for lithium ion battery research. Explore 99.95% pure, CE-certified materials ideal for coin cell and Li-ion battery applications.

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Lithium takes the record as the lightest of all metals at just 0.5g per cubic centimeter. That's half the weight of water which means, of course, that it could float on water just as wood. Quite unlike wood, ...

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