

10 kinds of 'miracle' materials challenge all laws of physics

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Let's find out what these "smart, supernatural" materials can do such paradoxical things.

1. Hydrophobic coating

Hydrophobic coating is also called **waterproof nano coating** . This reflective coating surface has outstanding performance in waterproofing some types of liquids, especially water. In addition, this coating has the ability to resist scratching, adhesion and easy cleaning.



Currently, two types of titanium nanoparticles and silicon dioxide constitute the hydrophobic coating still widely used in the form of gel and spray in the manufacture of footwear, apparel, dining table center, especially it is used used to clean the ocean.

2. The metal melts

The metal melts in the laboratory or at the ideal temperature is natural. But metal melting at room temperature is a completely strange thing and it seems ridiculous.