

Features

- Maximum Working Temperature is 482°F (250°C)
- Ferrite Magnet
- Magnetization Direction: Axially Magnetized
- Tolerance :±0.1mm

RS PRO Magnets

RS Stock No.: See table



RS PRO is the own brand of RS. The RS PRO Seal of Approval is your assurance of professional quality, a guarantee that every part is rigorously tested, inspected, and audited against demanding standards. Making RS PRO the Smart Choice for our customers.

Product Description

RS offers high-quality Ferrite magnets known for their strength and durability.

Ferrite magnets are corrosion-resistant and can be used in water without any risk of rusting. It also called Ceramic magnets and Hard Ferrite, and are one of the most widely used permanent magnet materials globally.

While they are not as strong as Rare Earth Neodymium magnets (NdFeB), their high coercivity and low cost make them ideal for applications like motors, especially in high-temperature environments.

Ferrite magnets are perfect for cost-sensitive projects and are electrically insulating, which means they do not conduct eddy currents. They perform well in high temperatures but are less effective in very cold conditions. Their low cost makes them suitable for large production runs, and their ceramic nature offers excellent electrical insulation.

Ferrite magnets excel in damp, wet, or marine environments because they are completely corrosion-free. The iron in their structure is already in a stable oxidized state, so it cannot rust further when exposed to water.

Product Specifications

Stock No.	Magnet Type	Diameter (mm)	Thickness (mm)	Material
0291894	Disc Magnet	10	10	Ferrite
0291895	Disc Magnet	12	6	Ferrite