



Mindsets (UK) Ltd Rare Earth Magnets



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For your own safety please pay particular attention to these instructions.

Pacemakers and magnetically stored data (i.e. credit cards, computers etc) will be negatively affected and or permanently damaged by strong magnets – keep them well apart.

These magnets are hard and brittle. If they are allowed to snap together they may shatter or splinter. It is highly recommended that you always wear safety glasses and where possible gloves when handling to reduce any risk.

Beware that modern permanent magnets may attract steel or other magnets over wide distances and if handled incorrectly can cause injury.

Strong magnetic fields may influence or distort sensitive electronic or mechanical test instrument – always keep magnets a safe distance from such devices and do not attempt to travel on aircraft without first declaring the magnets.

Never handle magnets where explosive gas could be present – moving or snapping of magnets may cause sparking.

Be aware that different grades of magnets have different maximum operating temperatures – exceeding these maximums will likely decrease and may permanently affect the magnetic properties. Standard N35 grade Neodymium has a maximum operating temperature of 80°C. Higher operating temperatures up to 120°C are possible with higher grades of material.

Neodymium magnets are extremely susceptible to corrosion – care should be taken to avoid salt-water or hydrogen environments.

These magnets should be stored in a dry environment in order to avoid oxidation.

No negative effects are known when touching or handling magnets and indeed many reports exist claiming beneficial effects to low and medium flux densities however people allergic to ceramics or similar materials may react likewise when coming into contact with magnetic materials.

If we can be of any further help or if you have any further questions or queries please don't hesitate to contact us and we will endeavour to provide you with the answers.

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