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## Rectangle (2.0" L x 2.0" W x 0.5" Thickness), NdFeB 27



Stock #38-430 **20+ In Stock**

MRP ₹20,497

Price inclusive of all taxes

**ADD TO CART**

Volume Pricing	
Qty 1-5	₹20,497 each
Qty 6-10	₹18,065 each
Qty 11+	₹15,505 each
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### Product Downloads

#### General

Rectangle **Type:**

#### Physical & Mechanical Properties

2.00 **Length (inches):**

0.50 **Thickness (inches):**

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2.00

**Width (inches):**

## Optical Properties

NdFeB 42

**Substrate:**

## Material Properties

13,000.00

**Gauss:**

## Regulatory Compliance

[Compliant](#)

**RoHS 2015:**

[Compliant](#)

**Reach 224:**

[View](#)

**Certificate of Conformance:**

China

**Country of Origin:**

**Imported By:**  
Edmund Optics India Private Limited  
267, Greystone Building, Second Floor,  
6th Cross Rd, Binnamangala,  
Stage 1, Indiranagar, Bengaluru,  
Karnataka, India 560038  
Phone: +91- 80-6845 0000

## Product Details

- Neodymium Iron Boron (NdFeB) and Samarium Cobalt (SmCo)
- High Resistivity to Demagnetization
- Extremely Strong
- Cost Effective

Rare Earth Magnets are constructed of Neodymium and Samarium Cobalt, offering the highest energy magnetic fields available in permanent magnets. They are ideal for applications requiring high energy but limited space. The Neodymium Iron Boron material is relatively expensive, but its high energy output makes it extremely cost-effective. Rare Earth Magnets, for this reason, are used in many demanding assembly and industrial applications where price is a concern. The Samarium Cobalt material is more stable than the NdFeB and, therefore, more appropriate for high temperature applications (250°C - 300°C).