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## MAGNA-TILES 4300

# MAGNA-TILES Classic 100-Piece Magnetic Construction Set Instruction Manual

Model: 4300

## 1. INTRODUCTION

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This manual provides essential information for the MAGNA-TILES Classic 100-Piece Magnetic Construction Set. This set is designed to facilitate creative building and learning through magnetic tiles. It is suitable for various ages and encourages the development of fine motor skills, cognitive abilities, and imaginative play.



Image: Front view of the MAGNA-TILES Classic 100-Piece Magnetic Construction Set box, showcasing colorful magnetic tiles forming a castle and other shapes.

## 2. PRODUCT OVERVIEW

### 2.1. What's Included

The MAGNA-TILES Classic 100-Piece Set contains 100 translucent geometric shapes in six distinct colors. The specific components are:

- 4 Large Squares
- 50 Small Squares
- 20 Equilateral Triangles
- 11 Right Triangles
- 15 Isosceles Triangles



Image: Back of the MAGNA-TILES 100-piece set box, detailing the quantity and types of shapes included in the set.

## 2.2. Key Features

MAGNA-TILES are designed with several features to ensure durability and a positive play experience:

- **High-Quality Rivets:** Ensures a firm and long-lasting bond between parts.
- **Signature, Reinforced Lattice:** Prevents cracking and extends product life.
- **Signature "V-Lock":** Prevents chipping, separation, and magnet exposure for safety.
- **Custom Magnets:** Right-sized for children's abilities, allowing for frustration-free building.
- **Food-Grade, Non-Toxic MABS Plastic:** Free from BPA, phthalates, and latex.

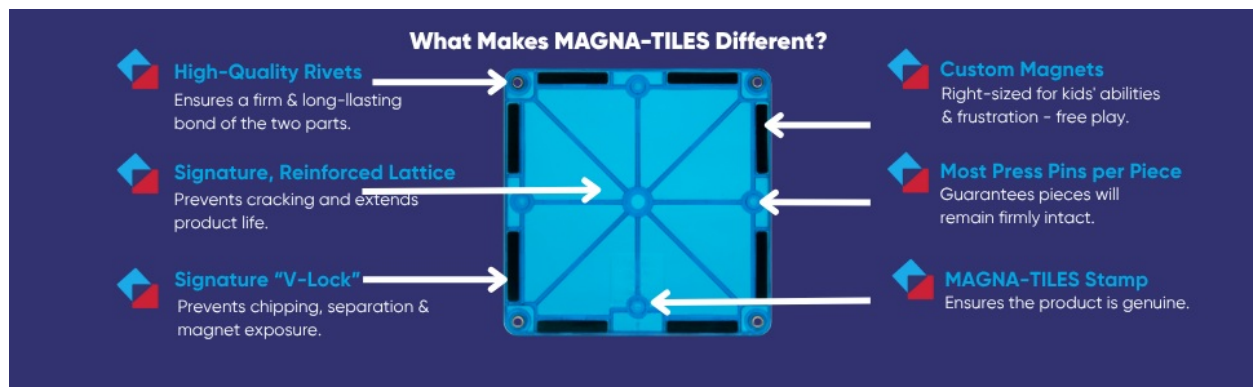


Image: A diagram highlighting the structural features of MAGNA-TILES, including reinforced rivets, the signature criss-cross lattice, custom magnets, and the V-lock system.

## 3. SAFETY INFORMATION

**WARNING: CHOKING HAZARD - Small parts. Not for children under 3 years.**

**WARNING: This product contains small magnets. Swallowed magnets can stick together across intestines causing serious infections and death. Seek immediate medical attention if magnets are swallowed or inhaled.**

Users must be at least 18 years of age to order this product.

## 4. SETUP AND ASSEMBLY

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The MAGNA-TILES Classic 100-Piece Set requires no complex assembly. Simply remove the tiles from their packaging. The magnetic edges of the tiles allow them to connect instantly, enabling immediate play and construction.

For initial setup, ensure a clean, flat surface for building. Encourage children to explore how the magnets attract and repel to understand basic construction principles.

## 5. OPERATING INSTRUCTIONS

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MAGNA-TILES are designed for open-ended, child-led play without specific instructions. The following are general guidelines for engaging with the set:

- **Creative Building:** Connect tiles to create two-dimensional patterns or three-dimensional structures such as houses, towers, vehicles, or abstract designs.
- **Exploration:** Experiment with different shapes and colors to understand geometric concepts and color recognition.
- **Stability:** For taller or more complex structures, ensure a stable base by using larger squares or connecting multiple tiles firmly.
- **Compatibility:** All MAGNA-TILES sets are compatible, allowing for expansion and integration with other sets.



Image: A vibrant castle structure built using various MAGNA-TILES shapes, demonstrating complex building possibilities.



Image: A humanoid figure constructed from MAGNA-TILES, showcasing imaginative character building.



Image: A rocket ship built with MAGNA-TILES, illustrating vertical construction and creative design.



Great for large families or group play, sparking big ideas.

Image: A child interacting with a large animal figure constructed from MAGNA-TILES, highlighting engagement and scale.



Inspire imagination and creativity, from basic shapes to complex structures.

Image: A child focused on building a structure with MAGNA-TILES, demonstrating individual creative play.



Image: Two children collaboratively playing with MAGNA-TILES, building structures around a toy car, illustrating cooperative play.

## 6. MAINTENANCE AND CARE

- **Cleaning:** Wipe tiles with a damp cloth and mild soap if necessary. Avoid harsh chemicals or abrasive cleaners.
- **Drying:** Ensure tiles are completely dry before storing to prevent water spots or residue buildup.
- **Storage:** Store tiles in a dry place away from direct sunlight to preserve their color and material integrity.
- **Inspection:** Periodically inspect tiles for any signs of damage, such as cracks or exposed magnets. Discontinue use of damaged tiles.

## 7. TROUBLESHOOTING

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- **Structures Collapsing:** If constructions frequently fall, try building on a wider, more stable base. Ensure tiles are fully connected at their magnetic edges.
- **Weak Connections:** While MAGNA-TILES magnets are designed for optimal strength, ensure no debris is preventing full contact between tile edges.
- **Lost Pieces:** Keep all pieces together in a designated storage container to prevent loss.

## 8. SPECIFICATIONS

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<b>Product Dimensions</b>	12.05 x 3.31 x 8.74 inches
<b>Item Weight</b>	7.41 pounds
<b>Model Number</b>	4300
<b>Manufacturer Recommended Age</b>	3 years and up
<b>Material</b>	Food-grade, non-toxic MABS plastic
<b>ASIN</b>	B000CBSNRY

## 9. WARRANTY AND SUPPORT

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For information regarding product warranty or customer support, please refer to the official MAGNA-TILES website or contact their customer service directly. Keep your purchase receipt as proof of purchase.  
Official MAGNA-TILES Website: [www.magnatiles.com](http://www.magnatiles.com)