



Save Water When Sprinklers Break

Components and Materials

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Engineered and Manufactured for Years of Reliable Performance

To ensure that GeiserMiser provides years of reliable performance across all possible irrigation environments, AmLee Innovations has specifically chosen high-precision materials for the GeiserMiser manufacturing process. The table below summarizes the four components used to assemble the GeiserMiser:

Component	Material	Description
Housing	ABS Plastic ¹	Chosen for its exceptional strength, impact resistance, and chemical resistance; it performs consistently across temperature ranges of -40 to 100 °C
Spring	302 Stainless Steel ²	Chosen for its high corrosion resistance and high strength. It is also the same stainless steel material that is used in RainBird springs and other high-quality pop-up heads, which provides years of rust-free performance.
Rubber Ball	Buna-N Rubber ³ (1" Diameter)	Buna Nitrile rubber was chosen for the GeiserMiser rubber ball for its high chemical resistance and consistent performance across temperature ranges of -40 to 108 °C. It is not affected by oil, fuels, fertilizers and chemicals found in septic and non-potable water. It's often used in the automotive industry for its consistent performance across a variety of fuels, chemicals and extreme temperature ranges.
Product Sticker	Weatherproof Nylon ⁴	Chosen for its strength and high resistance to a variety of underground conditions (insects, water, fungi, mold, mildew, chemicals)

¹ http://en.wikipedia.org/wiki/Abs_plastic

² http://en.wikipedia.org/wiki/Stainless_steel#Types_of_stainless_steel

³ http://en.wikipedia.org/wiki/Nitrile_rubber

⁴ <http://en.wikipedia.org/wiki/Nylon#Characteristics>