

# GRAS AM0052

Complete Windscreen for 41AM/CN



Material: Foam and stainless steel

The AM0052 is a windscreen, complete with antibird spikes, for mounting on the Outdoor Microphone Systems GRAS 41AM and 41CN.

## Introduction

The windscreen is mounted over the microphone and preamplifier.

## Design

The AM0052 is a complete windscreen with stainless steel birdspikes which prevents birds from landing on the windscreen.

When a microphone is placed in a laminar flow, turbulence is created which in turn results in unwanted pressure variations on the diaphragm. By using a windscreen the pressure variations are moved as far away from the diaphragm as possible.

Theoretically this supports a “the-bigger-the-better design”, but in practice it is a compromise between air speed reduction, practical size and self-induced noise. Self-induced noise is wobble-noise which is generated, when the windscreen starts moving around the microphone.

The GRAS windscreens are all size optimized and their special, open-cell foam structure and number of pores per inch<sup>2</sup> (ppi), are designed to resist a humid environment and at the same time not influence the sound pressure measurement result significantly.

**Note:** The foam part can be purchased separately. See GRAS AM0009 (set of 5 pcs).

## Quality & Warranty

GRAS accessories are made of stainless steel, alloys and high-quality composites. These items are covered by a 2 year warranty respecting their intended use.

On wear products like cables and windscreens, we offer a 6 month warranty.



# GRAS Worldwide

Subsidiaries and distributors in more than 40 countries

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## About GRAS Sound & Vibration

GRAS is a worldwide leader in the sound and vibration industry. We develop and manufacture state-of-the-art measurement microphones to industries where acoustic measuring accuracy and repeatability is of utmost importance in R&D, QA and production. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, and consumer electronics. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect and trust.

GRAS Sound & Vibration is represented through subsidiaries and distributors in more than 40 countries and is part of Axiometrix Solutions, a leading test solutions provider comprised of globally recognized measurement brands. Read more at [www.GRASacoustics.com](http://www.GRASacoustics.com)

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