

# GRAS AM0387 HIGH-TEMPERATURE CLICK-MOUNT WINDSCREEN FOR 147EB



The AM0387 is a high-temperature windscreen with a click-mounting system, specifically designed and optimized for use with the GRAS 147EB microphone set. It is available in two different versions:

- AM0387-1 High-Temperature Click-Mount Windscreen for 147EB, 1 pc.
- AM0387-4 High-Temperature Click-Mount Windscreen for 147EB, 20pcs.

Note that 1 pc. of AM0387 is already included with the GRAS 147EB microphone set.



## Introduction

The AM0387 is a windscreen specifically designed and optimized for use with the GRAS 147EB microphone set. Constructed from high-temperature, 30 PPI (pores per inch) foam, it is suitable for applications up to 125°C. The windscreen features a click-mount system that ensures a secure and reliable attachment to the GRAS 147EB.

Below it is shown mounted on the GRAS 147EB (microphone set not included).



## Design

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.

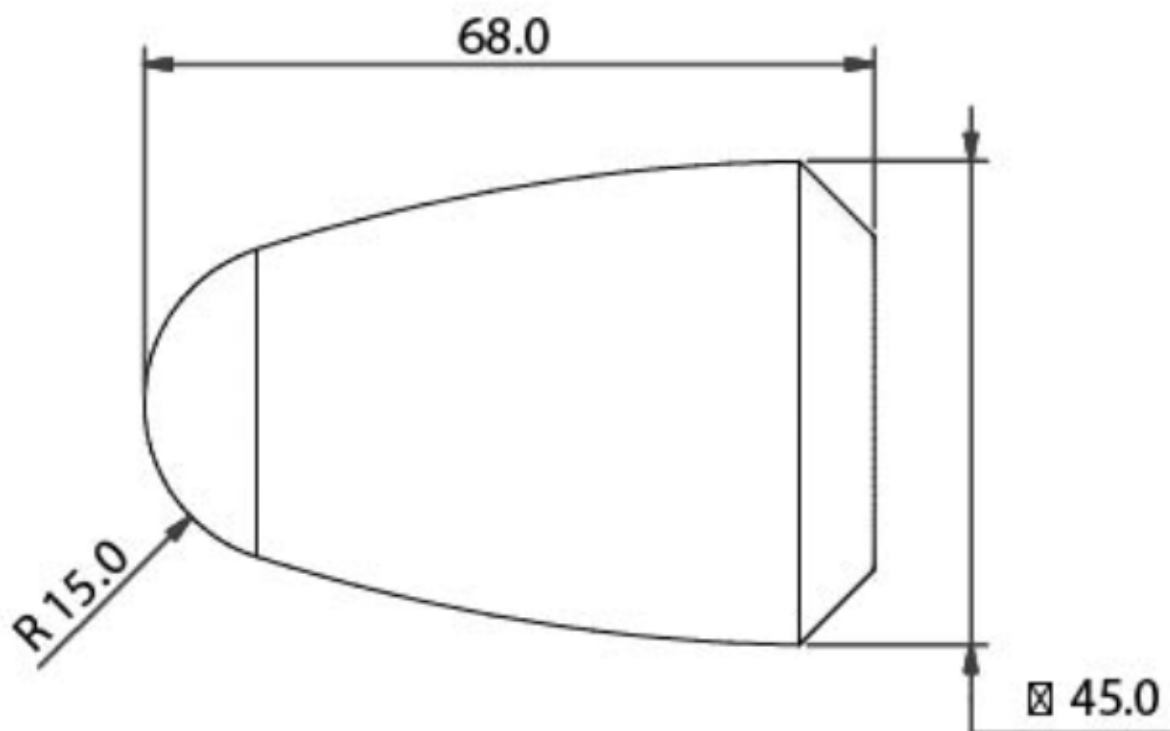
The GRAS windscreens are all size optimized and their special, open-cell foam structure and a number of pores per inch (PPI), are designed to resist a humid environment and at the same time not

influence the sound pressure measurement result significantly.

## 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 consumables like batteries, cables and windscreen we offer a 6 month warranty.

Dimensions in mm



# GRAS Worldwide

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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 and related equipment for industries where acoustic measuring accuracy and repeatability are of the utmost importance. This includes applications and solutions for customers within the fields of aerospace, automotive, audiology, consumer electronics and other highly demanding industries. GRAS microphones are designed to live up to the high quality, durability and accuracy that our customers have come to expect, trust and require.

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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