GRAS AM0391 HIGH-TEMPERATURE CLICK-MOUNT WINDSCREEN FOR 146AE

The AM0391 is a high-temperature windscreen with a click-mounting system, specifically designed and optimized for use with the GRAS 146AE microphone set. As shown in the product image, it is mounted on the GRAS 146AE (microphone set not included).

AM0391 is offered in two different versions:

- AM0391-1: High-Temperature Click-Mount Windscreen for 146AE (1 pc.)
- AM0391-2: High-Temperature Click-Mount Windscreen for 146AE (5 pcs.)

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Introduction

The AM0391 is a 90 mm diameter windscreen specifically designed and optimized for use with the GRAS 146AE 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 146AE.

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.

Frequency dependent attenuation is to be expected if the windscreen gets wet. Therefore windscreens are not intended as rain protection of the microphone.

The windscreen is easily removed during calibration of the microphone.

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.

GRAS Worldwide

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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

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