

CEL-2962, 4672, 6225 & 6808 Foam windscreens for microphones

Introduction

Measurement microphones on sound level meters must be protected from the effects of wind blowing across the diaphragm.

The CEL foam windscreens are specifically designed to minimize any interference caused by air turbulence around the microphone capsule. Always use the correct size foam windscreen to suit the diameter of the microphone.

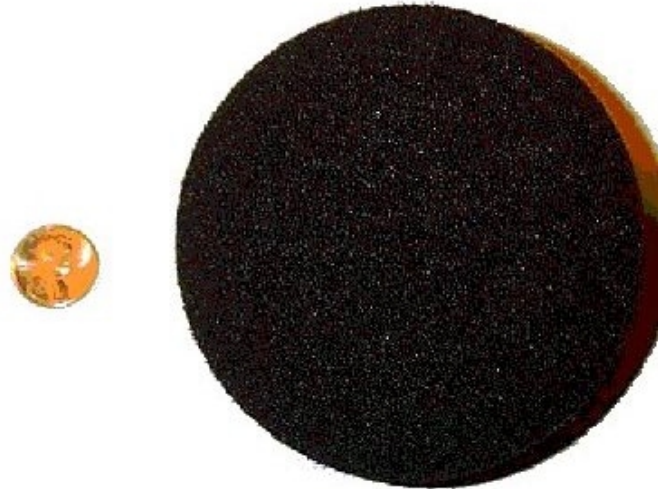


CEL-6225 windscreen for 1/4in microphones
(Recommended for use with CEL Noise dosimeters for personal monitoring)
length 1.75 in width 1.25 in



Example of CEL-6808 fitted to
CEL-310 Noise Dose Badge

(recommended for use in dirty or windy
environments to minimize wind noise
across microphone aperture)
diameter 2 ½ in by 1 ¾ in high



CEL-4672 windscreen for 1/4in & CEL-2962 windscreen for 1/2in microphones
(use with CEL hand held sound level meters)
diameter of both windscreens is 3.5 in

Technical Information

The CEL foam windscreens are manufactured from an open cell material that offers protection to the microphone capsule when used in dusty environments indoors or in windy or gusty environments out of doors. The windscreens can reduce the interference caused by wind blowing across the microphone by approximately 15 dB and should always be used for external noise measurements. Foam windscreens are not recommended by the manufacturer for long-term measurements as they can become water-logged in prolonged rainfall situations. It is not recommended to make noise measurements when wind speeds exceed 25 mph due to the possibility of errors in the readings caused by wind blowing over the microphone and windscreen.

Ordering Information

CEL-6225	1/4in Foam windscreen for use with CEL Convertible Dosimeters/Sound level meters
CEL-4672	1/4in Foam windscreen for use with CEL Sound level meters (ANSI Type 2)
CEL-2962	1/2in Foam windscreen for use with CEL Sound level meters (ANSI Type 1)
CEL-6808	Foam windscreen for CEL Noise Dose Badges (ANSI Type 2)

Note that the appropriate foam windscreen is included in all
Standard sound level meter instrument kits