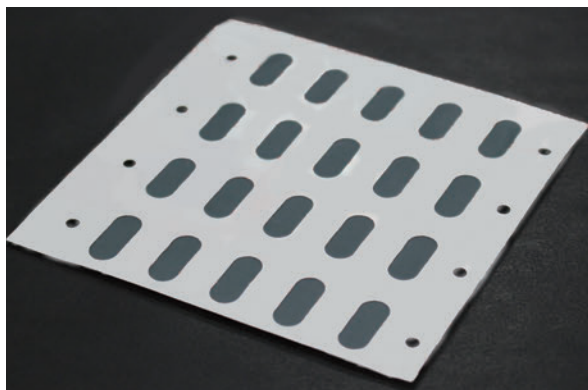


I KOMAWAY™ SW

Sound-permeable, Water-proof Film



- A breathable, waterproof material suitable for the parts of products such as microphones and speakers for which sound permeation and water-proofing are required
- Prevents water and dust from entering.
- PET mesh is used as a reinforcing material, ensuring high durability.

Applications



Smartphones / Tablets / Mobile PCs / DSLR cameras
Outdoor speakers / Wireless earphones
Electronic components for outdoor use, etc.

Specifications

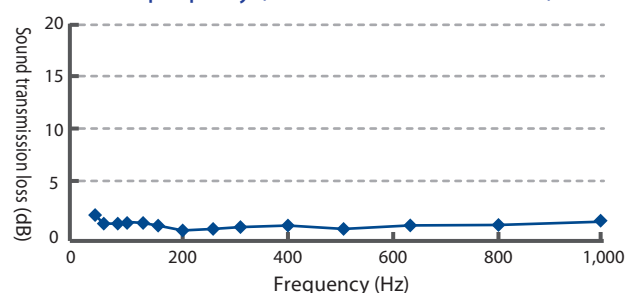
Breathability	JIS L1096 B, Gurley method: 12sec/100cc
Water resistance	JIS L1092 B, High hydraulic pressure: 7,500mmH ₂ O
Waterproofness:	IPX7,8 or equivalent
Other	RoHS and REACH compliant

*Measurement No.: TX1303M270

*The above are measured values, not guaranteed values.

*Waterproofness refers to the housing.

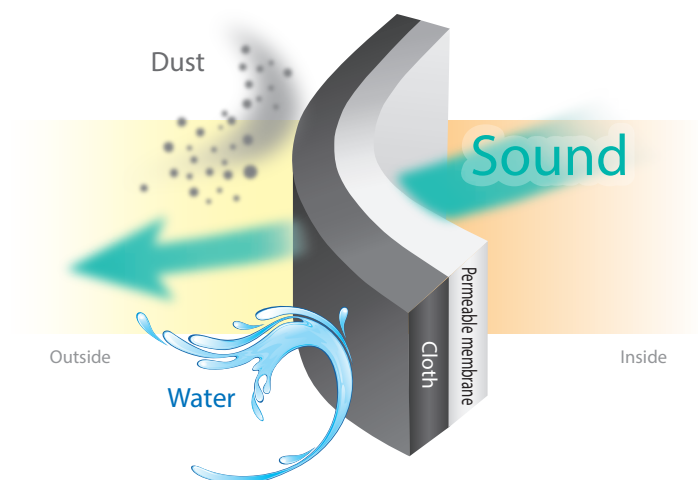
Acoustic property (sound transmission loss)



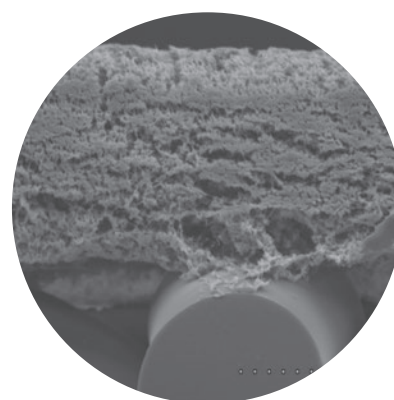
*Sound insulation is evaluated by sound transmission loss (Acoustic Control Act ASTN E2611-09)

*The lower the sound transmission loss, the higher the sound transmission performance.

Configuration diagram



Cross-sectional view (electron microscope image)



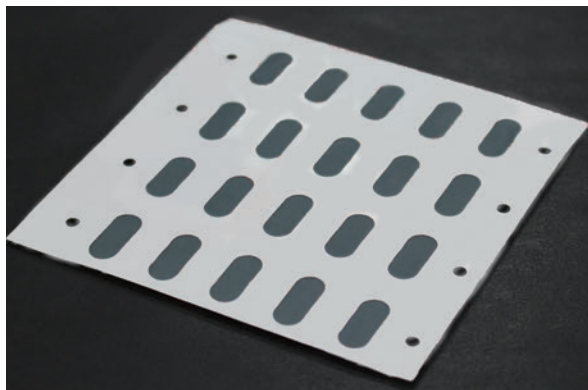
KOMATSU MATERE Co., Ltd.

Tokyo Sales Branch Maruito Ginza No.3 Building 4th floor, 3-10-6 Ginza, Chuo-ward, Tokyo, Japan

TEL: +81-3-3549-3880 E-mail. komaway@komatsumatere.co.jp

I KOMAWAY™ SW

透音・防水膜



■ 用途实例



- ・智能手机 ・平板电脑 ・移动电脑
- ・数码相机 ・户外扬声器 ・无线耳机
- ・其他户外使用的电子设备

■ 规格

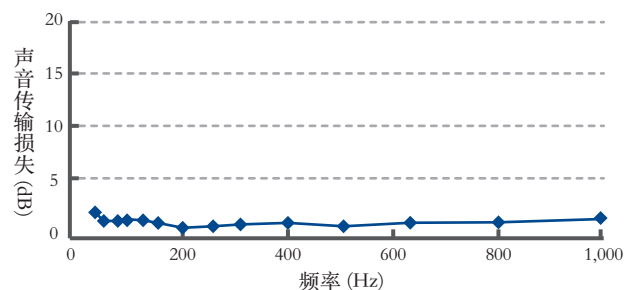
透气性	JIS L1096 B 格利型	: 12 秒 /100cc
耐水压	JIS L1092 B 高压压法	: 7,500 mmH ₂ O
防水性	相当于 IPX7,8	
其 他	符合 RoHS、REACH 标准	

※实测件号: TX1303M270

※此处标记的数值是测量值, 不是保证值。

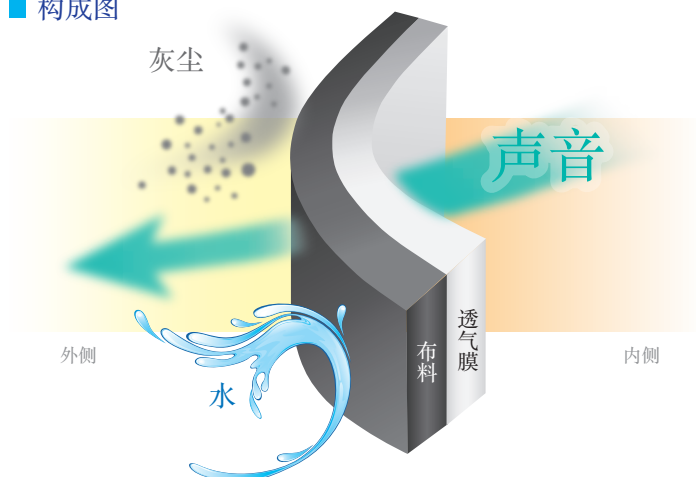
※防水性是指外壳的防水性。

■ 声学特性 (声音传输损失)

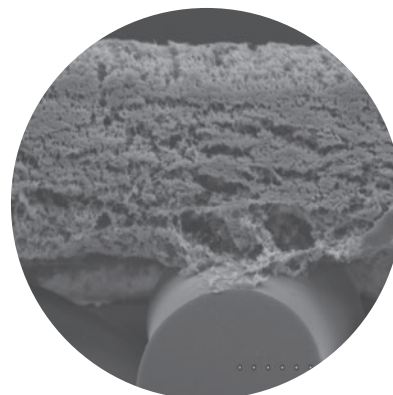


※用声音传输损失 (声学管理法 ASTM E2611-09) 来评估隔音性能。
※声音传输损失越低, 即透音性能就越高。

■ 构成图



■ 截面图 (电子显微镜图像)



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