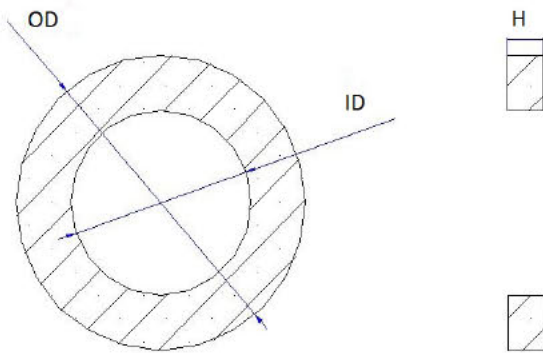


Waterproof and breathable sound-permeable membrane

Product outline drawing



Product description

The waterproof and dustproof sound-permeable membrane is treated with nano-hydrophobic and oleophobic surface. Consists of waterproof and dustproof sound-permeable membrane raw material + 3M waterproof stamina glue + PET (Release paper), processed and shaped.

The function: waterproof, dustproof and sound transmission prevents foreign objects and harmful objects and substances to enter the sealed cavity.

Micropores are about 700 times larger than air molecules, so Gas and sound can pass freely .

Picture



Characteristic

- ★ Efficient waterproof and dustproof, protect the electronic components inside the cavity
- ★ High sound transmission rate. Low sound distroction.
- ★ Produced by high-end laminating machine and die-cutting machine dust-free workshop
- ★ Easy, one-time installation, reducing cost
- ★ Reduce parts maintenance costs.

Technical characteristics

Name	JCTW669			Protection	<input type="checkbox"/> IPX5 <input type="checkbox"/> IP66 <input checked="" type="checkbox"/> IP67 <input checked="" type="checkbox"/> IP68 <input checked="" type="checkbox"/> IP69K
Colour	<input checked="" type="checkbox"/> Black			Air permeability	1000~2000mL/Cm ² /min@7kpa
Material	<input type="checkbox"/> PU	<input type="checkbox"/> PTFE	<input checked="" type="checkbox"/> EPTFE	Sound attenuation	3~5 DB
Structure	Polyester + PTFE (for adhesive, one side is smooth and the other side is rough)			Working temperature	— 40~90°C
Standard Dimension	D=3MM	d=1.2MM	H=0.2MM	UV resistance	5
	D=5MM	d=2MM	H=0.2MM	Flammability rating	UL 94V0
	D=6.5MM	d=2MM	H=0.2MM	Corrosion resistance	PH 1~14
	D=6.5MM	d=3.5MM	H=0.2MM		
	D=7.6MM	d=2MM	H=0.2MM		
	D=9MM	d=3.6MM	H=0.2MM		
	D=10.8MM	d=6MM	H=0.2MM		

Installation

1、 When installing waterproof sound-permeable membrane, first clean and level the installation surface (if possible, use alcohol to wipe first, after the surface of the sealed product is dry)

Use tweezers to remove the waterproof sound-permeable membrane from the release PET (release paper), align it with the installation hole of the sealed product, paste and press it for about 5 sec.

After the installation is completed, first observe the appearance. After standing at room temperature for 12 hours, test again.

2、 Try to install it on a hidden surface. Prevent impact.

Precautions

1、 Do not remove any parts of waterproof sound-permeable membrane before installation.

2、 Once the installation is complete, do not remove it and reinstall it (to maintain the adhesion).

3、 Avoid direct contact with high-concentration liquids such as strong acids and alkalis.

Remarks: The above dimensions and colors can be customized .