

Under Development

C-Porous™
PTFE porous film
with ultra-high water resistance
PTFE porous film
with High air permeability

OUTLINE

This product is made by giving a porous structure to PTFE film. Compared to the conventional product "SEF-010" and other standards, it has the characteristics of high water resistance and high air permeability. It can be provided as a punched sheet, with double-sided tape attached and oil-repellent type.

CHARACTERISTICS

- Water resistance
- Sound permeability
- Moisture permeability
- Weather resistance
- Air permeability
- Water repellency
- Heat resistance
- Chemical resistance

APPLICATIONS

- Filters
- Degassing
- Waterproof sound passing (mobile device)
- Air vent
- Bubbling

PERFORMANCE

Test Item	Unit	Ultra high water resistance A	High water resistance B	High Air permeability A	High Air permeability B
Air permeability	Gurley (s)	25	10	-	-
	Frazier (cm ³ /cm ² /s)	-	-	10	3
water resistance	kPa	750	500	20	50 (200)

*Values shown above are not standard values but measured values.
 *Gurley : Compliant to JIS P 8117 *Frazier : Compliant to JIS L 1092, Method B
 *Water pressure resistance : Pursuant to JIS L 1092, Method B
 *The values in parentheses in High water resistance B are measured by overlaying the PET mesh.

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To Contact us:

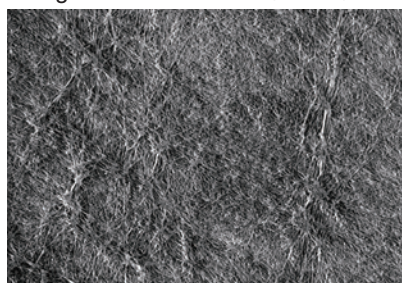
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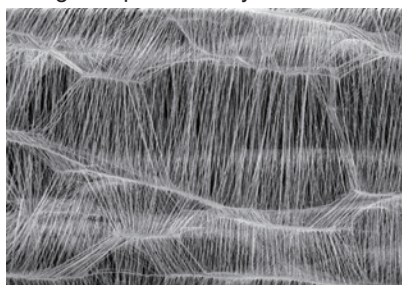
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ENLARGED PHOTO

■ High water resistance (×1000)



■ High Air permeability (×1000)



SPECIFICATION

Product code	Total thickness (mm)	Width (mm)	Length (m)
Ultra high water resistance A	0.1	300	10, 50
High water resistance B	0.1	300	10, 50
High Air permeability A	0.02	300	10, 50
High Air permeability B	0.005	300	10, 50

*Please consult us separately for the dimensions other than above.



Caution

- Do not use in applications in contact with the human body such as medical care, etc.
- Dispose products in compliance with the related laws and regulations and absolutely do not incinerate them.
- Do not use the product higher than the maximum continuous service temperature.
- Carefully read the catalog, product safety data sheet (SDS), and fluoroplastic instruction manual in order to maintain functions essential to products and use products safety.