PVA-Tuch E-2

pure11-Nr.: 06084, Hersteller: Distributor pure11

Zusammenfassung

- Neue pure11-Artikelnummer (ab 01.07.2023): 1106084
- Material: Polyvinylalkohol (PVA)
- Schwammtuch aus speziellem Polyurethan
- Stärke: 2 mm
- Porengröße: 130 µm
- Lösemittelbeständig
- Hohe Absorptionsfähigkeit
- Gute Chemikalienbeständigkeit
- Besonders abriebfest
- Das Produkt sollte vor dem Einsatz mit geeignetem Wasser (z. B. DI-Wasser) ausgewaschen werden
- Lieferform: gelegt

Empfohlene Reinraumklassen

ISO	3	4	**5**	**6**	**7**	**8**	**9**
GMP					**C**	**D**	

Produktvarianten

pure11-Nr.: 060842323
Farbe: Weiß / Maße: 23 x 23 cm (9 x 9") / VE: 5 Stück

Quelle: https://www.pure11.de/pva-tuch-e-2

POROUS MATERIALS

PVA WIPING SPONGE

AION PVA Wiping Sponge is a wet type wiping material with high water absorbing. The porosity of PVA sponge is 90% of its volume, and it is a complete three-dimensional pore structure. It is very soft, hydrophilic, and retains so much water.

Features

[1] Continuous Open Pores & Lint-free

It is "less eluted metal ion" & lint-free sponge.

[2] Hydrophilic & Three-Dimensional Pore Structure

It absorbs and retails so much water, and the water does not drop off from it.

[3] Very Fine Pores

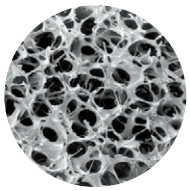
It traps the dust effectively and does not re-contaminate the workpiece.

[4] Soft & Supple

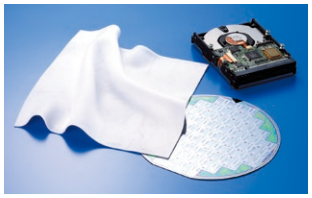
It is very soft and fits in every type of workpiece.

[5] Durable & Washable & Waste Reduction

It is washable with detergent and does not contain toxic substances in incinerating.



Micrograph of pores



Application

- ○ Wiping for electronic or optical devices, food or pharmaceutical manufacturing machines, and work benches at a plant or a laboratory.
- ○ Cleaning inside clean rooms

AION

AION PVA WIPING SPONGE

Standard Specifications

■ Material: PVFM (Polyvinyl formal)

Item \ Article	E-1	E-2	D-1	D-2	D-3	S-1
Size (mm)	230×230×1	230×230×2	230×230×1	230×230×2	125×85×35	430×325×1.5
State	DRY (with wetting agent)				WET (with anti-mildew agent)	
Number of Pieces per a Carton	400	200	400	200	75	120
Pore Diameter (μm)	130		80			
Heat Resistance	60℃ or below in wet state					

Instruction for Use

- Products delivered in dry state contain a wetting agent and those in wet state contain a small amount of anti-mildew agent.
- Ideally, it should be used after immersion in water and well squeezed. Using DI water is recommended.

※If to be used with wiping chemical fluids other than water, soak it in water and make it soften, squeeze it well, and soak it again in the chemical fluid before actual use.

※In case the product is newly used, at first, soak it in water and make it soften, then soak it into the chemical fluid and the check the chemical resistance.

※The dry state product does not soften when soaked in any fluid other than water.

Sterilization

- PVA wiping sponge is available for using under the following condition of sterilization.

※Sodium hypochlorite (less 200 ppm) for 30 minutes

※Benzalkonium chloride (less 0.01~0.1%)

※Do not sterilize PVA under more concentrated condition, or it will become deteriorated.

AION PVA MOP

Standard Specifications

		MOP		Replacement Sponge	
Article No.		MFM-S	MFM-L	SM-SK	SM-LK
Size (mm)	Mop-Head Width	450	600	500×200×4 (MFM-S)	650×200×4 (MFM-L)
	Handle Length	1300			
Weight of Head & Handle (g)		780	870		
Material of Sponge		Handle: Aluminum Joint: Nylon Sponge = PVFM (PVA)		PVFM (PVA)	
Packing Unit		10 sets (1 set = 1 pce of Mop-Head + 1 pce of Replacement Sponge)		20 pcs	20 pcs

Features

- Light and thin: easy to use.
- One-touch binder mechanism: easy to mount and dismount the sponge.
- Speedily absorbing water: effective to wipe out on the floor and wall.
- Three-dimensional pore structure: effective to collect the dust and particles.
- Washable and reusable: economical to wipe out at the plant and the laboratory.

Chemical Resistance of PVA Wiping Sponge & MOP

Chemicals	Concentration	Judgement (○: Applicable)
Methanol	~30%	○
Ethanol	~20%	○
Isopropanol	~10%	○

Chemicals	Concentration	Judgement (○: Applicable)
Acetone	~10%	○
Toluene		○
Sodium Hypochlorite	~200ppm	○

※This judgement is from dimension change less +/−3%. Be sure to make an advance evaluation by conduction field test before actual use.