



PVA-Schwamm D-3

pure¹¹-Nr.: 06085, Hersteller: Distributor pure¹¹



Zusammenfassung

- Neue pure11-Artikelnummer (ab 01.07.2023): 1106085
- Material: Polyvinylalkohol (PVA)
- Schwamm aus speziellem Polyurethan
- Stärke: 35 mm
- Porengröße: 80 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	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
GMP	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Produktvarianten

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Farbe: Weiß / Maße: 13 x 9 cm (5 x 4") / VE: 10 Stück

Quelle: <https://www.pure11.de/pva-schwamm-d-3>

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 retains so much water, and the water does not drop off from it.

[3] Very Fine Pores

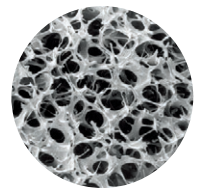
It traps the dust effectively and does not re-contaminate the workpiece.

[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°C 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)	Chemicals	Concentration	Judgement (○: Applicable)
Methanol	~30%	○	Acetone	~10%	○
Ethanol	~20%	○	Toluene		○
Isopropanol	~10%	○	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.