



P
PVA Clean Sponge

for Clean Room,

Pharmaceutical

and Laboratory

Applications

SUPER PVA SPONGE

PVA Sponge for wiping, cleaning and absorbing liquids

www.pvasponge.com

For both end-users and OEMs.

Custom shapes, sizes and

configurations . . . take

advantage of over thirty years

of design experience with PVA

material and real world

applications.



Static-free, lint-free PVA sponge is hydrophilic with an average porosity at 85% to 95%. This delivers an exceptionally high volume and speed of absorption. Elasticity and tensile strength properties help

provide durability and allow the material to last much longer than other materials even under the most difficult conditions. Reusable, simply wash it as necessary. The material can be used safely with most chemicals including acids, bases and organic solvents in the pH range 2-12. Heat resistant to 80°C wet, 120°C dry.

PVA CLEAN SPONGE PRODUCTS . . .

include wipes, pads, discs, blocks, blankets, mops, brush and smooth rollers and custom OEM configurations. These refined sponge materials offer exceptional performance for a wide range of critical applications including optics, silicon wafer scrubbing, clean room wiping and PC board drying.



Mop Applications

Any wiping/cleaning application for clean rooms, scientific or laboratory facilities with expansive surfaces can be improved with the use of soft, absorbent, static-free and lint-free PVA mops attached to your choice of multi-featured task handles . . . sponge never scratches or drips.

- ◆ Absorbs chemical or liquid spills fast
- ◆ Applies disinfectant or solutions evenly on walls or ceilings without dripping
- ◆ Attracts lint and other particulates like a magnet, holds until rinsed out



Wall hanging mop organizer holds mops with gravity gripper



Ribbed Block Mop with integral wringer handle extends up to 4.5 feet



Ribbed Block Mop with industrial grade handle extending up to 8 feet



Smooth Block Mop with industrial grade handle extending up to 8 feet



PVA Ribbed Block Mop with 4.5 foot extension handle and double roller wringer . . . wrings out excess liquid instantly



PVA Ribbed Mop with 8 foot extension handle . . . never scratches or drips

For OEMs,
let your design ideas roll.

PVA sponge can be customized to many unusual design configurations and fabrication specifications for your critical aqueous, chemical and OEM industrial applications. Call 1-877-574-2669 for personal attention.



*PVA
sponge wipes . . .
critical surface wiping*

Wipe, Block & Blanket Applications

Any wiping/cleaning application for a "critical substrate or clean room application" can be improved with the use of soft,

absorbent, static-free and lint-free PVA.

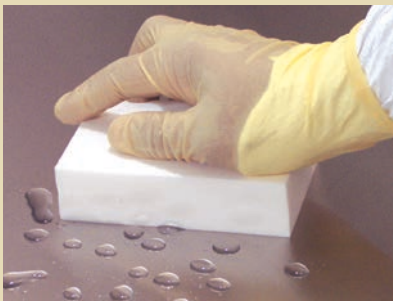
- ◆ Hand or automated cleaning of eyeglass lenses to remove dust, dirt, oils or fingerprints prior to an ultrathin coating application.



*Textured and
reinforced PVA
sponge wipes
. . . reinforced
for extra
long life*

- ◆ Hand cleaning of critical substrates like rigid disks, optics and wafers.

- ◆ Wiping down critical surfaces of semiconductor and rigid disk processing equipment. So soft, it won't damage the surface or leave behind any lint or fibers.
- ◆ Cleaning plastic packages that carry pellicles.
- ◆ Wiping residue on printing heads.



*PVA sponge block . . . vacuum action
draws in liquid 6 times its dry weight*

Chemical Resistance Capability Guide (as tested by 24 hour immersion in chemical)

Acetic Acid 1%.....OK	Iso-Propanol 10%.....OK
Acetone 10%.....OK	Linseed Oil.....OK
Ammonium Hydroxide 5%.....OK	Methanol 10%.....OK
Concentrated Ammonium Hydroxide 30%.....Hardened	Nitric Acid.....Attacked
Benzene.....OK	Petrol.....OK
Chloroform.....Attacked	Petroleum Ether.....OK
Citric Acid 5%.....OK	Phenol Solution 5%.....Attacked
Diesel Oil.....OK	Phosphoric Acid 5%.....OK
Diethyl Ether.....OK	Sodium Hydroxide Solution 5%.....Hardened
Dimethylsulphoxide.....Attacked	Sodium Hydroxide Solution 40%.....Hardened
EDTA 10%.....OK	Sulfuric Acid 2%.....OK
Ethanol.....Hardened	Tetrachloroethylene.....Slight Hardening
Ethyl Methyl Ketone (MEK).....Slight Hardening	Tetrahydrofuran.....Attacked
Ethyl Acetate.....OK	Tetramethyl Ammonium Hydroxide TMAH 2%.....OK
Fluorisol.....OK	Toluene.....OK
Formdimethylamide.....Attacked	Trichlorethane.....OK
Hydrochloric Acid 2%.....OK	Trichlorethylene.....OK
Hydrofluoric Acid 5%.....OK	Tween Detergents.....OK
Hydrogen Peroxide 3%.....OK	Xylene.....Slight Hardening

Note: This chemical resistance information is a guide to compatibility. Always test your specific chemical application thoroughly with product prior to use.

PVA Clean Sponge Selection Guide

PVA Clean Sponge	Size	Primary Pore Diameter	Applications/Features	Pieces/Package	Pieces/Case	Sponge Option
 Wipes EF-1	230 mm x 230 mm x 1 mm (T)	250 μ	hand cleaning or wiping critical substrates and surfaces; cost effective wiper for liquid absorption	5	400	Available*
Wipes EF-2	230 mm x 230 mm x 2 mm (T)	250 μ		5	200	Available*
 Textured Reinforced Wipes EFT-1.5	210 mm x 210 mm x 1.5 mm (T)	130 μ	heavy duty for cleaning process equipment; durable with reinforced center, reusable	1	50	Available*
 Blanket EF-4	320 mm x 500 mm x 4 mm (T)	250 μ	covers and protects polishing pads and abrasive segments; can be custom configured or die cut	10	N/A	Available*
Blanket EF-10	320 mm x 500 mm x 10 mm (T)	250 μ		5	N/A	Available*
 Block UF-3	125 mm x 85 mm X 35 mm (T)	60 μ	absorbs or spreads liquid without dripping; durable, vacuum action absorbs up to 6 times its dry weight	1	75	Available*
 Smooth Block Mop M-10 extension handle	255 mm x 75 mm x 50 mm (T) handle folded 142 cm; extended 254 cm	60 μ	smooth mop for floor & wall cleaning, dripless; jaw clamp grips sponge securely	1	N/A	Available*
 Ribbed Block Mop M-20 extension handle	255 mm x 75 mm x 50 mm (T) handle folded 142 cm; extended 254 cm	130 μ	ribbed mop for scrubbing floors, walls & ceilings, dripless; jaw clamp grips sponge securely	1	N/A	Available*
 Ribbed Block Mop M-30 integral wringer handle	255 mm x 75 mm x 80 mm (T) folded 97 cm; extended 136 cm	130 μ	ribbed mop for scrubbing floors, walls & ceilings, dripless; industrial strength handle with integral wringer	1	N/A	Available*
 Mop Refill for M-10 Mop	255 mm x 75 mm x 50 mm (T)	60 μ	floor & wall cleaning or evenly spreading liquids; mop refill or use by hand	2	N/A	Available*
 Mop Refill for M-20 Mop	255 mm x 75 mm x 50 mm (T)	130 μ	floor & wall cleaning or mopping floor spills; mop refill or use by hand	2	N/A	Available*
 Mop Refill for M-30 Mop	255 mm x 75 mm x 80 mm (T)	130 μ	mop refill with stainless steel bracket & screws; quickly attaches to industrial strength handle/wringer	2	N/A	Available*
 Mop Organizer W-03 plastic, light gray	285 mm x 70 mm x 80 mm	N/A	holds up to 3 mops with gravity grippers; unit attaches to wall with 3 screws	1	N/A	N/A

SUPER PVA SPONGE

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