

D3/E2 PVA SPONGE

LYNBOND



About

The PVA sponge, often referred to as Poly(vinyl Alcohol) Sponge, is a water-soluble synthetic polymer. It is white (colourless) and odourless. Polyvinyl alcohol has excellent film forming, emulsifying and adhesive properties. It is also resistant to oil, grease and solvents. It has high tensile strength and flexibility, as well as high oxygen and aroma barrier properties. However, these properties are dependent on humidity, in other words, with higher humidity more water is absorbed. The water, which acts as a plasticiser, will then reduce its tensile strength, but increase its elongation and tear strength. Elasticity and tensile strength properties help provide durability and allow the material to last much longer than other materials.

Cleanroom PVA Sponges are used for absorbing and wiping critical and delicate surfaces. Highly absorbent, water retention and abrasive resistant properties make it suitable for many types of cleaning applications. The PVA sponge is completely lint and static free unlike paper or fibrous material wipers, no lint or waste is generated. In addition, the micropores and hydrophilic characteristics of the material help to remove small particulates effectively.

Benefits

- Rigid when dry, soft when wet
- Holds up to 12 times its dry weight
- Non linting
- Non-scratching
- Mechanically strong / abrasion resistant
- Interconnected cells
- Strong chemical resistance including acids, bases and organic solvents
- Heat Resistant to 80°C wet, 120° dry
- Washable by hand or washing machine

Application

- Ideal for mopping and wiping equipment parts within many industries and medical applications including Aerospace, Automotive, Pharmaceutical apparatus and manufacturing equipment

Cleanroom Standards

- ISO Class 4 + Cleanrooms



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PRODUCT INFORMATION

CLEANROOM CLASSIFICATION	ISO Class 5 +
MATERIAL	PVA
WATER ABSORPTION (wt%)	1000
30%CS (KpA)	6.9
POROSITY (%)	89

PRODUCT REGULATION

BIOCIDAL	Conforms to EU No.528/2012
PRESERVATIVES Chloromethyl isothiazolinone (CMIT) Methyl isothiazolinone (MIT)	Water solution mixture - isothiazolinone compound (CMIT/MIT=3/1)

ORDERING INFORMATION

PRODUCT CODE	D3	E2
SIZE (mm)	125x85x35	230x230x2
PACKAGING / BAG	1	5
PACKAGING / CARTON	75	200

MANUFACTURING FACILITIES

MANUFACTURING QUALITY STANDARDS	ISO 9001:2015
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INVENTORY MANAGEMENT

STORAGE INSTRUCTIONS	Store in cool dry place (below 28°C) away from direct sunlight and heat
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