





# MASTER SPONGE & FOAM PRODUCTS MANUFACTURER

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MATERIAL TYPE				
FOAM TYPE	IMAGE	DESCRIPTION	SPECIFICATION	REFERENCE PRODUCTS
OPEN-CELL POLYURETHANE (PU) RETICULATED FOAM		<p>RETICULATED FOAM also named filter foam,reticulation foam,blasting foam.</p> <p>Reticulated foam is made of ordinary open cell through net processing.</p> <p>Opening ratio of filter reaches to 90%~98%, so it's very suitable for filtration with permeability,well flexibility, well mechanical strength.</p>	<ol style="list-style-type: none"> <li>Raw material: polyether.</li> <li>Porosity: 10PPI~80PPI.</li> <li>Other available auxiliary functions: mould preventing, asorbing harmful gases, fire retardant and etc.</li> <li>Available shapes: sheet, strip, ball, roller, tube, other customized shapes.</li> </ol>	
ORDINARY POLYURETHANE (PU) FLEXIBLE FOAM		<p>ORDINARY POLYURETHANE (PU) FLEXIBLE FOAM affects our lives in many ways and new applications are rolling out on a regular basis. It is used as cushioning for a wide variety of consumer and commercial products including furniture, carpet cushion, transportation, bedding, packaging, textiles and fibers.</p>	<ol style="list-style-type: none"> <li>Size: Maximal length: 60m Maximal width: 2.25m Block height: 0.85m</li> <li>Color: White, Black, Red, Yellow, Blue, Green and etc.</li> <li>Technics: (1) Density: 14-110kg/m3 (2) Hardness: 30-90 HA (3) Tensile Strength: 0.75-1.50kg/cm2 (4) Tear Strength: 0.5-1.46kg/cm2 (5) Specific Elongation: 70-140%</li> </ol>	
ACTIVATED CARBON FILTER FOAM		<p>ACTIVATED CARBON FILTER FOAM is adopted of acromolecule felt material to make medium and high absorption powder activated carbon with froth carrier into air purification filter media.</p> <p>Activated carbon is made of reticulated foam and activated carbon with customized carbon content. It can be used to remove foul and peculiar smell, purify environment with high efficiency, low air pressure and low consumption.</p>	<ol style="list-style-type: none"> <li>Adsorption property: Benzene, Lodine, Ethanethiol, Trimethylamine.</li> <li>Heat resistance: The temperature range: -20°C~130° C.</li> <li>Force resistance: Gas linear velocity 1.0m/s, pressure drop 42Pa in 4mm and pressure drop 98Pa in 20mm.</li> </ol>	
PHOTOCATALYST FILTER FOAM		<p>PHOTOCATALYST FILTER FOAM can remove bacteria and germs, can effectively remove harmful gas in the air (for example: formaldehyde, benzene, ammonia, TVOL), will break into colorless, odorless and harmless to the human body of the material.</p>	<ol style="list-style-type: none"> <li>Photocatalyst types: TiO2,ZnO,SnO2,ZrO2,CdS,etc.</li> <li>Operating principle:oxidation-reduction reaction.</li> <li>Function: air purification, sterilization, deodorization, antifouling, water purification.</li> <li>Comparison with traditional purification products: directly decompose volatile organic compounds, the sterilization rate ≥ 99.9%, super deodorizing function, odorless, non-toxic.</li> </ol>	

<p><b>CONDUCTIVE FOAM</b></p>		<p>CONDUCTIVE FOAM is a soft porous polymer - polyether or polyester, with electrically conductive property, ideal for use in packing applications of printed wiring assemblies with static sensitive components as also in storing of ESD (Electro Static Discharge Sensitive) sensitive components directly.</p>	<ol style="list-style-type: none"> <li>1. Available in low and high density specifications.</li> <li>2. Surface resistance 10<sup>3</sup> to 10<sup>7</sup> Ω.</li> <li>3. Available shapes: sheet, strip, ball, roller, tube, other customized shapes.</li> </ol>	
<p><b>POLYURETHANE (PU) ALL PURPOSE SPONGE</b></p>		<p>POLYURETHANE (PU) ALL PURPOSE SPONGE also name tile grout sponge and synthetic ceramic sponge, it is denser and more durable than other sponges. Excellent for removing excess grout, rinse clean, the closest to a natural sponge. They are Hydrophilic an extra manufacturing process gives these sponges tremendous water-holding capacity. It is the preferred washing sponge by professionals. They are more durable than any other sponge and more cost saving than any natural sponge. They wash out clean, dry soft and are always uniform in size and quality.</p>	<p>Color, Size and shape customized available. Density: 20-40 kg/m<sup>3</sup> Porosity: small/media/large</p>	
<p><b>LATEX FREE HYDROPHILIC POLYURETHANE (PU) SPONGE</b></p>		<p>LATEX FREE HYDROPHILIC POLYURETHANE (PU) SPONGE has gradually become a new trend in the development of the beauty industry. It is made of international advanced polymer technology, latex-free, odor-free, and greatly reduces the chance of allergies. The biggest characteristic of non-latex puff is that it will become bigger when it meets water. Up to the original 1.5-2 times the size.</p>	<p>Material: Hydrophilic Polyurethane foam Shape: Triangle Petal/Water Drop/Droplet/Teardrop/Egg/Gourd/Cucurbit/Bullet/Butt/Round/Square/Wedge/Tree/Macaron/Leaf/Diamond/Brush/Side cutting or as requirement Size: as requirement Color: Single Color or Mixed Color</p>	
<p><b>CELLULOSE SPONGE</b></p>		<p>CELLULOSE SPONGE are made from wood pulp, and the small holes inside them help to absorb liquid and hold it inside the sponge. These sponges are soft inside their sealed packaging because they are usually treated with a soap that keeps them pliable and keeps bacteria from growing inside the package. Cellulose sponges are very inexpensive. They absorb and hold liquid well and can last through some fairly tough cleaning jobs. Cellulose sponges work well on a number of surfaces. They can even be cut into smaller sizes to provide more uses out of each sponge.</p>	<p>Material: Natural Cellulose Fiber Color: Yellow/Natural/Pink/Light Green/Purple/Blue Composition: 1. Water: 40%-70% 2. Cellulose: 30%-60% 3. MgCl<sub>2</sub>: 4%-7% 4. Quaternary ammonium compounds: &lt;0.5% 5. Pigment: &lt;1%</p>	
<p><b>MELAMINE FOAM</b></p>		<p>MELAMINE FOAM is the active component of a number of abrasive cleaner sponges. It is also used as the main sound and thermal insulation material for bullet trains, due to its high sound absorption, excellent thermal insulation performance and light weight.</p>	<p>Material: Melamine foam Noise Reduction Coefficiency(NRC): 0.95 Fire Retardant: Class A Thermal Conductivity: 0.034 W/(m·K) Tensile Strength: 161 kPa Working temperature: -200°C - 240°C (-392°F - 464°F) RoHS: Meets and exceeds Mass Density: 8-10kg/m<sup>3</sup></p>	

<p><b>MEMORY FOAM &amp; HIGH RESILIENCE FOAM</b></p>		<p><b>MEMORY FOAM &amp; HIGH RESILIENCE FOAM</b> is an excellent quality foam mattress that can take heavy use and maintain its shape over a long period of time. It has a springy feel with a fast return action.</p> <p>Ideal for furniture, mattress, bedding, pillow, insoles, sports padding, carpet padding and carpet underlay or used for the production of shredded foam for pillow fillings, cushion fillings, toy fillings.</p>	<p>1. Memory Foam Density: 35-120kg/m<sup>3</sup> Surface Hardness: as requirement 40% Indentation force Deflection(IFD): as requirement</p> <p>2. High Resilience Foam Density: 30-80kg/m<sup>3</sup> Surface Hardness: as requirement 40% Indentation force Deflection(IFD): as requirement</p>	
<p><b>BONDED FOAM</b></p>		<p><b>BONDED FOAM</b> (also known as "rebonded" or "rebound foam") is an environmentally friendly furniture materials made from shredded polyurethane foam scrap. Tough, resilient and firm, it provides cushioning support for many applications. Rebond foam is perfect for upholstering items that see frequent use. It's made from shredded waste foam that is recycled with the addition of liquid polyurethane. The result is a heavy dense foam that is known for its ability to hold its shape while supporting a great deal of weight. The rebound foam is a good size for mattress, sofa, car seat and soundproof and etc.</p>	<p>Material: polyurethane foam Original Block Size: 200*150*100cm Density: 40-250 kg/m<sup>3</sup> Foam color: mix/white Application:</p> <ol style="list-style-type: none"> <li>1. Upholstered furniture industry</li> <li>2. Sports halls and equipment</li> <li>3. Packaging industry</li> <li>4. Acoustics and sound insulation</li> <li>5. Footwear industry</li> <li>6. Automotive industry</li> <li>7. Agriculture</li> </ol>	