

Aquazone® and Aquazone Wide Dry® Technology

Product Sheet

Hydrophilic Polyester Technology

Overview

AQUAZONE® foam is a special Polyester Foam which exhibits enhanced surface wet out, allowing water and other fluids to absorb into the open structure of this non-reticulated product. The AQUAZONE® technology is able to be paired with Double Cell chemistry to make foam sponge products have the appearance of natural sea sponge.

AQUAZONE WIPE DRY® foam is a specially treated, Double Cell version of our AQUAZONE® chemistry, specifically engineered to wipe fluid dry from a surface while maintaining excellent water holding capacity and instantaneous wet-out. AQUAZONE WIPE DRY® foam is an excellent replacement for cellulosic materials with all the benefits that fabrication of normal Polyurethane Foam offers. With excellent mechanical properties, durability, and improved chemical resistance, it combines the excellent physical properties of Polyurethane Foam with the wipe dry performance of competitive materials all while looking aesthetically similar to cellulose sponges. AQUAZONE WIPE DRY® products maintain shape after drying, can be formulated with antimicrobial technology to eliminate odors, and are highly durable in cleaning applications.

Benefits

- AQUAZONE® and AQUAZONE WIPE DRY® brands offer outstanding hydrophilic performance
- AQUAZONE WIPE DRY® products wipe surfaces dry, maintain shape, and are virtually germ and odor free when incorporated with an anti-microbial agent
- Products with AQUAZONE WIPE DRY® technology are durable and easy to fabricate
- Unlike cellulose products, AQUAZONE WIPE DRY® products ship and fabricate dry



AQUAZONE® Applications



Double Cell (optional)



Polyester



Hydrophilic

- Medical device indicators
- Absorbent wicks
- Shoe padding
- Water-cooled pillows
- Scrub sponges
- Industrial cleaning sponge
- Clean room wipes

AQUAZONE WIPE DRY® Applications



Anti-Microbial



Double Cell

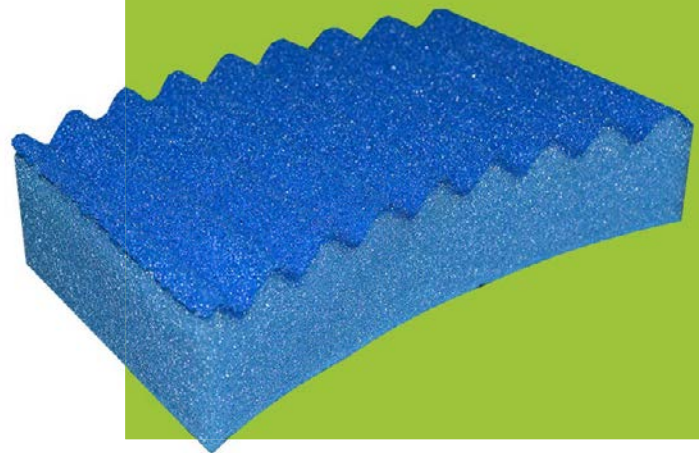


Felted



Hydrophilic

- Hand Sponges
- Mops
- Cleaning Utensils

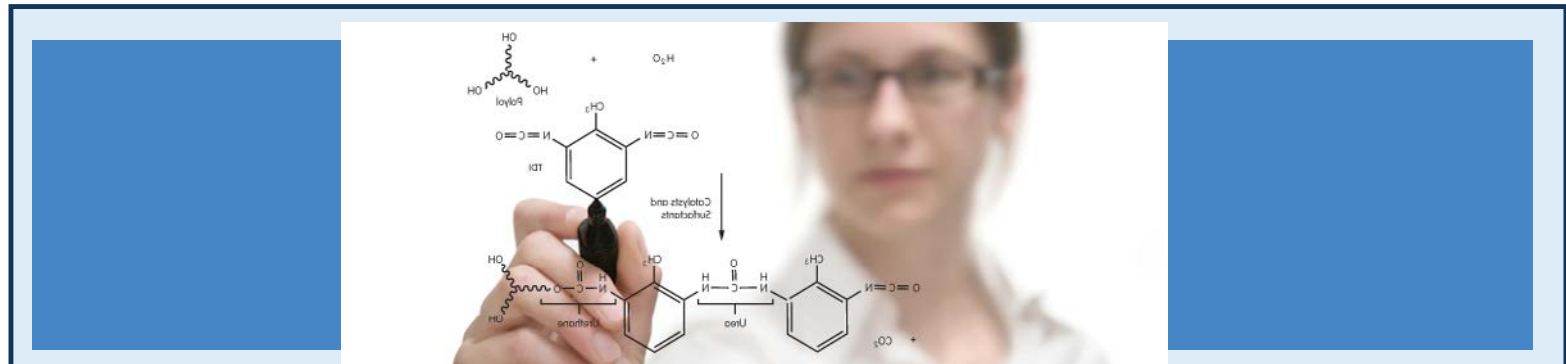


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*Quick Facts

Foam Code	Density lbs/ft3	Permeability ft3/min/ft2	Tensile psi	Tear lb/in	Elongation %	IFD		Wet-out seconds	Volume swell %
						25% psi	65%psi		
2# Aquazone®	1.9	85	32	4.0	420	0.58	-	<10	3
4# Aquazone®	3.8	85	25	2.9	325	0.65	-	<10	3
Aquazone WD®	2.2	-	27	4.0	410	0.55	-	<5	-



About FXI

FXI is a leading producer of foam innovation in the Bedding, Furniture, Industrial, Home & Office, Healthcare and Transportation Markets. Our focus is on finding tailored solutions for our customers that are driven by consumer insights and industry trends. Our products include finished goods, sub-assemblies, services and raw materials for OEMs, fabricators and retailers. You will find FXI's foam innovations inside, around and under yourself in countless applications. We protect automobile passengers on the highway, help consumers sleep sounder and furniture manufacturers create comfort. We provide for sharper images in digital printers and help consumers keep their homes clean. We provide critical components for filters, gaskets and seals in everything from blood oxygenators to computer disk drives. Everywhere foam goes; FXI's innovations lead the way.

*Typical physicals not to be used for specification purposes. Please contact your account rep for specification information.

FXI Technical Product Innovations
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