

Capu-Cell[®] Polyurethane Foam

Proprietary hydrophilic-formulation offers distinct performance characteristics to create unique products.

Capu-Cell[®] is a semi-closed cell, hydrophilic polyurethane foam with unique physical properties to enable you to create your own line of unique products.

Highly absorbent - Capu-Cell foam is capable of absorbing up to 15 times its weight in fluids making it a highly effective wiper device. Its hydrophilic property means Capu-Cell can be engineered to various rates of absorption to meet your requirements. Due to its high impregnation capacity, Capu-Cell's polymer matrix can be formulated with various chemical agents including disinfectants, odor suppressants, surfactants, antibiotics, etc.

Soft to the touch - Capu-Cell is ideal as a medical device or specialty wipe, as the material will not scratch or injure delicate surfaces such as skin tissue and electronic parts. Capu-Cell is smooth and uniform with densities ranging from tissue-soft to extremely firm. It retains these characteristics even after repeated use.

Superior strength - Capu-Cell resists tearing, either in a saturated or dry condition, and it has low particulate content. The foam does not stiffen or crumble with use and it has superior ability to withstand many chemicals, solvents, cleaning agents and oils.

Consistent performance - Capu-Cell releases liquid only under pressure. Its rate of release is amazingly constant. Its unique matrix contains tiny cells with thousands of sizes.

Repeated pressure draws the incorporated substance from tinier cells after larger cells are depleted. The foam will air dry and it is dry to the touch while it stores product for the next use.



Product Features

- High tensile strength, elongation and dimensional stability
- Resistant to most chemicals, even solvents
- A range of densities available
- Durable and reusable
- Available in white and a wide range of colors

A wide variety of applications

- Applicator for cleaning products
- Cosmetic and toiletry applicator
- Medical products applicator
- Cleanroom wipes
- Arts & Crafts
- Fireblock

For a broad range of industries

- Consumer
- Medical
- Automotive
- Electronics
- Health care
- Sporting Goods
- Industrial

See the reverse side for complete technical specifications on Capu-Cell.[®] Contact us for complete service and support for your Capu-Cell[®] foam solution.

Capu-Cell[®] Polyurethane Foam Product Data

Application	Code	Color	Density
Cleanroom	FTMDXXG100XN	White	Medium & High
Medical	FTSSXXG130XN	White	Medium & High
Cleaning	FTMXE000BN	White	Medium
Automotive/ Cleanroom	FTMNXXG210XN	White	Medium
Sporting goods For Body Contact	FTMDXXB220XN	White	Medium
Applicator	FTMDXXR320XN	White	Medium
Medical	FTSSXXG120XN	White	Medium
Cosmetic	FTMDXXN240XN	Black	LOW

Custom colors available upon request. MOQ will apply.

Samples and Orders

Our expert foam fabricator can supply you with samples, assistance, prototypes and volume production of your custom products.

Standard Formulations

Capu-Cell is manufactured in a variety of standard formulations. We have the ability to develop new formulations to meet specific requirements.

Contact us to discuss your unique formulation needs.



FOAM SCIENCES DIVISION

Pivotal Answers In
Custom Blended Foam FormulationsSM

Capu-Cell is a trademark
"Pivotal Answers in Blended Foam Formulations" is a service mark
of Time Release Sciences, Inc. DBA FoamSciences.

1200 Northland Avenue / Buffalo, NY 14215
Telephone: (716) 895-6100 x 261/Fax: (716) 895-6396
www.foamsciences.com