

Innovative Janitorial Sponge

Comfortable cleaning in one wipe with CelluPlus™



Novel sponge foam with cellulose-like cleaning and wiping behavior

Our customers benefit from one of the world's widest ranges of color-proof sponge foams. Thanks to their hydrophilic nature, our foam sponges have excellent absorption and retention properties, thus making cleaning practical and efficient. Their special absorbency is seen not only through the wiping away of dirt and moisture, but also in the soaking up of liquids.

The latest contribution to our large sponge portfolio, and unique to the market, is the innovative foam CelluPlus™ which has been especially developed for janitorial applications. This novel foam is an ideal alternative to cellulose, as it offers hydrophilic properties for excellent water absorption and dry wiping & cleaning behaviour, similar to a cellulose sponge, but with a much higher durability as it does not disintegrate with time. It also prevents mold growth, unpleasant odors, and drying out over time.

CelluPlus™ Applications



Kitchen

Excellent cleaning behavior for dishes and all kind of kitchen tools & counter-tops, such as stainless steel, ceran hob, granite kitchen plate, etc.



Bathroom

Ideally suited for cleaning of bathroom surfaces, such as ceramic, tiles, glass & mirror, etc



All-purpose

Can be used for practically all cleaning requirements of everyday spills



Excellent water absorption: Thanks to the hydrophilic material properties, the absorption of the CelluPlus™ foam is 20 times of its dry weight.



Perfect wiping and cleaning behaviour: CelluPlus™ performs similar to cellulose sponges and takes up stains and spills effectively, often with only one wipe.



Higher durability: In comparison to cellulose sponges, CelluPlus™ has a much longer lifetime due its higher material resistance. The product does not crumble or disintegrate with time.



No unpleasant smell: CelluPlus™ does not trap residue and particles which normally happens with cellulose sponges. The CelluPlus™ material by itself prevents the growth of moulds, thus no unpleasant odor occurs.



Washable: Hygiene in the kitchen is of central importance to prevent food-borne infections. The sponge can be machine washed at up to 75 °C, which kills harmful germs and bacteria.



Readily available: Cellulose is subject to fluctuations on the global supply market. The raw materials used in the production of CelluPlus™ are not scarce and therefore are much less exposed to price volatility.

CelluPlus™ Product Data

The product is available in the colors yellow, pink and nature. We deliver CelluPlus™ in customized industrial formats, special shapes and die cuts in combination with other materials, such as abrasive and non-abrasive non-wovens.

Density net	Compression load deflection	Tensile strength	Elongation at break	Pore structure
[kg/m³] DIN EN ISO 845	[kPa] DIN EN ISO 3386-1	[kPa] DIN EN ISO 1798	[%] DIN EN ISO 1798	
55-75	6.5-9.0	>150	>120	Medium to coarse (similar to cellulose sponge)



Recticel Engineered Foams

Recticel Engineered Foams applies industry-leading knowledge, resources and experience to offer the tailored solutions our customers need to stay ahead. Our unique portfolio of foams and systems – spanning industrial, mobility, consumer & medical care, living & care applications – is one of the most comprehensive in the market. We focus strongly on sustainable innovation and strive to provide answers to societal challenges, including climate protection and conservation of resources.

Our passion for comfort

The key to the success of PU foams is their seemingly endless versatility. They can be tailored to almost any application and we are continually innovating to optimise our product range in line with new demands and ideas. Many everyday consumer goods would be unimaginable without their unique benefits, which include silencing, sealing, filtering, carrying, protecting, supporting and comforting attributes. These can be provided in almost any combination, allowing us to develop solutions and systems with the exact functionalities required by every market we serve.



Find out more
www.recticelengineeredfoams.com

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