

SPEC SHEET

TE104 - Evolon Micro Fibre Cloths

Section 1. Product Description and Picture

The Evo100 technology is a unique, world-wide patented continuous textile manufacturing process. Polyester and polyamide chips are spun into endless segmented filaments which are split into microfilaments (1 000 times thinner than a human hair and 5 to 10 times thinner than some other microfibres) using high pressure water jets. The water jets simultaneously tightly entangle and consolidate the microfilaments creating a fabric. This fabric lends itself to excellent textile and mechanical properties. Like traditional microfibre cloths, it is soft, drapable and light, but at the same time it is incredibly strong and durable. Being dense with its compact fibre structure, Evo100 has good barrier properties. Thanks to its internal microfilament structure, it is very absorbent, but also quick to dry and breathable.



Evo60 performs outstanding on dirt, dust, liquids, grease and inks... in household cleaning or demanding industrial environments. Due to the very large internal surface area of the microfilaments Evo100 can absorb up to 400% of its own weight in liquid. Unlike staple fibre cloths, Evo100's fibres are endless, which make it perfectly lint free.

As a consequence, Evo100 is the ideal cloth to be in contact with sensitive surfaces for protection as well as lint free/stain free wiping applications.

Evo100 is a long lasting cloth which helps reducing the impact of waste on our environment. As there is no binders or solvents used in the manufacture of these cloths skin contact irritations are prevented. Evo100 can be washed many times at temperatures of 95° C and can be used without detergents.

Evo100 is produced under ISO 9001 / ISO 14001 / OHSAS 18001 accreditation. Evo100 has been granted the Oeko-Tex mark (Standard 100, Product Class 1), which certifies it as free of harmful substances and suitable for contact with baby skin and was awarded a special prize for the water recycling process used at manufacturing: the "Eco-Trophée du Parc Naturel Régional des Ballons des Vosges". Evo100 is food contact compliant according to the European directive 2002/72/EC.

Evo60 microfibre cloths are sold and distributed solely by Hygiene Disposables in South Africa.

Section 2. Key Benefits

Outstanding cleaning power

Dry Evo100 cloths capture and absorb the finest dust particles. Slightly wet, they easily remove grease and tough dirt.

400% liquid absorption

With their terrific absorption capacity, up to 400% of their own weight in water, the Evo100 cloths make surfaces dry and shiny with just one wipe.

Smooth and soft

Ideally suitable for the most fragile surfaces, Evo100 cloths clean without scratching.

Perfectly lint-free

Unlike staple fibres, Evo100 microfibre are endless, resulting in absolutely lint-free cleaning. They are the perfect solution to wipe and dry glasses, windows and clean room applications.

HYGIENE DISPOSABLES

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Section 3. Specifications

Gram age	:	100gsm
Quantity	:	25 per peacket
Colours available	:	Red
		Blue
		Yellow
		Green
Composition	:	White
	:	Microfibre
Technology	:	EVO 60

Company certifications

Quality: ISO 9001
Environment: ISO 14001
Safety: OHSAS 18001
Energy Management Systems: ISO 50001



Oeko-Tex

Evolon® has been granted the Oeko-Tex mark (standard 100, product class 1), which certifies it is free of harmful substances and suitable for contact with baby skin.



UV Standard 801

Evolon® has been granted a Ultraviolet Protection Factor of 80, the highest value of UV Standard 801, for several variants.



Several independent institutes tested and validated Evolon®'s efficiency

- Hohenstein Research Institute (Germany)
- Hygiene-Institut des Ruhrgebiets in Gelsenkirchen (Germany)
- Deutsche Montan Technologie GmbH (Germany)
- IBT Reference Laboratory (USA)
- IFTH - Institut Français du Textile Habillement (France)
- FIATEC (Germany)

AWARDS

Environmentally-friendliness:

Evolon was awarded a special prize for the water recycling process used at manufacturing: the "Eco-Trophée du Parc Naturel Régional des Ballons des Vosges".



Anti-mite encasings:

Evolon® has been awarded the ECARF Seal of Quality



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