

# DuPont™ Sontara® MicroPure

DuPont Sontara® MicroPure helps you to keep your cleanroom clean



## Trust, confidence and peace of mind

These are the feelings you get when choosing Sontara® MicroPure. Product quality is controlled from the manufacturing of the fabric to the cutting and packaging of the final wipes. Every detail is thought through and managed at high standards.

Sontara® MicroPure nonwoven styles (woodpulp/polyester) are engineered for cleanroom use and combine absorbency of a natural fibre with the cleanliness and strength of a synthetic fibre in the same fabric. No binders or chemical treatments are used to manufacture them.

### ☑ Sontara® MicroPure – first choice for many endusers

Increasing productivity in cleanroom manufacturing is a challenge. This is especially true when it comes to reducing potential contamination that can cause product defects and associated yield losses. Therefore, choosing an appropriate wipe is critical to product quality and not putting your image at risk.

### ☑ Sontara® MicroPure helps you to keep your cleanroom clean

Sontara® MicroPure is a woodpulp/polyester nonwoven fabric. Made by DuPont hydroentangling technology, using jets of filtered, high-pressure water, Sontara® fabric is continually “washed” during manufacture. Ideally for cleanroom use since it doesn't contain binders or require chemical treatment. The high cleanliness and purity are ensured by low extractable level and ion content as well as extremely low particle generation by the material itself.

### ☑ Sontara® MicroPure offers you absorbency and cleanliness in a single fabric

The fabric styles offer high particle and liquid absorbency due to their cellulose content. Unlike many other nonwoven fabrics, Sontara® MicroPure fabrics do offer an ideal combination of cleanliness, absorbency and purity in a single fabric without binders, chemicals or adhesives.

Many nonwoven wipe fabrics include binders or additives or are chemically treated on the surface to reduce the particle debris. However, these additives very often reduce absorbency – an important functional property – and, in addition, can cause contamination from the wipes.

### ☑ Sontara® MicroPure – Quality you can rely on

- Quality control from the manufacturing of the fabric to the cutting and packaging of the final wipe.
- Advanced packaging design eliminates the need to cut or tear bag in the cleanroom.
- Product traceability.

#### Examples of applications:

- ☑ General cleanroom maintenance, where absorbency is needed
- ☑ Polishing and cleaning relays, contacts and switches
- ☑ Cleaning lab apparatus and sensitive equipment
- ☑ Picking up spills
- ☑ Others

## Sontara® MicroPure – Cleanliness, Purity and Absorbency you can rely on



ISO 14644		ISO-3	ISO-4	ISO-5	ISO-6	ISO-7	ISO-8	ISO-9
US Fed. Std. 209		1	10	100	1 000	10 000	100 000	
GMP – European Guidelines					A/B		C	D
Sontara® MicroPure 100	The wipe for critical applications							
Sontara® MicroPure AP	The all purpose wipe							
Sontara® MicroPure SV	The wipe for less demanding applications							
Sontara® MicroPure MOP	The wipe for floor cleaning							

Requirements for wiping and cleaning levels may vary. Choosing the appropriate wipe depends on many factors, such as for example: the surface to be cleaned (smooth or rough, edges or without edges, etc.), the required level of cleanliness, procedures employed and others.

### Product range

		Dimensions (mm)	Wipes per package
Sontara® MicroPure 100	The wipe for critical applications	224×224	300
		305×305	150
		457×457	75
Sontara® MicroPure AP	The all purpose wipe	224×224	300
		305×305	150
		457×457	75
Sontara® MicroPure SV	The wipe for less demanding applications	224×224	500
		305×305	250
		457×457	75
Sontara® MicroPure MOP	The wipe for floor cleaning	300×590	500
		500×590	500
		400×700	500
		290×400	500

For further technical information, please feel free to contact DuPont.

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