

Contec ReFIBE Wipes

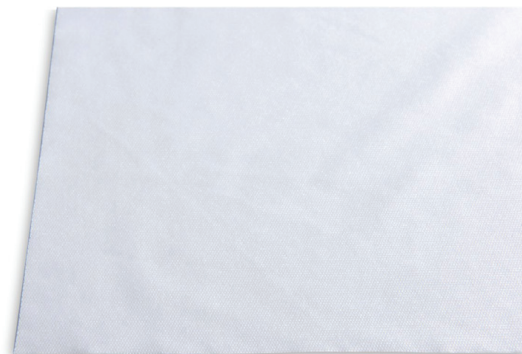
Recycled 100% knitted polyester cleanroom wipes - providing a sustainability story in a single-use world

Sustainability has become a top priority for many organizations, including those in the cleanroom industry. Manufacturers operating in critical environments are uniquely challenged in their pursuit of environmentally conscious products and protocols. Cleanroom environments are energy intensive, requiring a high consumption of resources to maintain desired levels of cleanliness. Traditional “green” practices such as the re-use of consumables: wipes and mops are problematic, as the risks of contamination and/or inconsistent performance are too great.

ReFIBE provides a sustainable solution for critical environments without jeopardizing quality or performance.

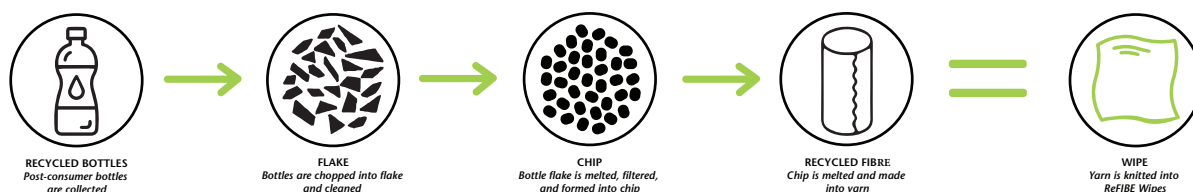
Each wipe is constructed from 100% post-consumer recycled plastic bottles (**35+ bottles per pack of wipes**) that have gone through a rigorous cleaning process before being converted to polyester chip. The chip is extruded and spun in a traditional yarn manufacturing process before being knitted into fabric.

This fabric is converted and laundered exactly the same as Contec’s standard polyester heatsealed wipes. ReFIBE wipes are subject to the same quality and process control protocols as our virgin polyester products, eliminating the fear of compromising quality for sustainability.



FEATURE	BENEFITS
100% knitted laundered polyester	• Low levels of particles and fibres • Abrasion and chemical resistant • Good solvent compatibility • Soft textured wipe cleans surfaces without scratching
Laser cut sealed edges	• Seals fibres at wipes edge reducing shedding • Suitable use in high grade cleanrooms
Manufactured from 100% recycled plastic	• Diverts plastic from oceans and landfill • Helps organisation reduce its environmental impact • Helps organisation meet its sustainability goals

How does it work?



Product Information

Material	100% recycled polyester
Construction	Interlock Knit, no run
ISO Class cGMP Grade	3-8 C/D

Technical Data

Attribute (units)	Typical Value*	Test Method**
Basis weight; nominal (g/m ²)	124	Contec Method
Sorbent capacity; (mL/m ²)	275	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1	IEST-RP-CC004.3, Sec. 8.1
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.01	
In isopropanol; (g/m ²)	0.01	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0	
Chloride; (ppm)	0.175	
Particles, readily releasable		
P ≥ 0.5µm; (x10 ⁶ /m ²)	2.72	IEST-RP-CC004.3, Sec. 5.1
Fibres > 100µm; (x10 ³ /m ²)	0.15	IEST-RP-CC004.3, Sec. 5.2

Part No.	Description	Size	Packaging	Av recycled bottles
RFHS-99	Contec ReFIBE StandardWeight Heatseal Wipes Flat stacked	23 x 23cm	75 wipes per bag 24 bags per case	840 per case
RFHS-1212	Contec ReFIBE StandardWeight Heatseal Wipes Flat stacked	30 x 30cm	75 wipes per bag 10 bags per case	480 per case

For more information or to request a sample,
email infoeu@contecinc.com or phone +33 (0)2 97 43 76 98.

*Notes

- a)) The data shown are typical values and should not be used as product specification.
- b)) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- c)) Current and/or comparison data may be available. Please contact a Contec sales representative for details.

**Test Methods:

- 1)) CTM – Refers to Contec Test Method
- 2)) IEST-RP-CC004.3, Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments, Institute of Environmental Sciences and Technology, Rolling Meadows IL.

In partnership with: 

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