

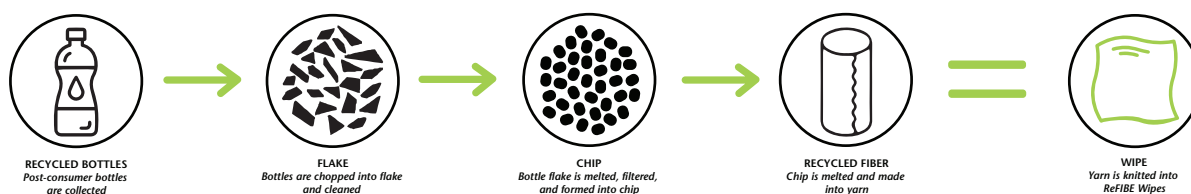
# Contec® ReFIBE™ Wipes

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. Not only is the supply chain of recycled products a concern, but also the inherent risk of reusing cleaning materials in a classified environment designed to prevent the ingress of outside contamination.

Made from 100% recycled plastic bottles, Contec's ReFIBE wipes are a sustainable single-use option for critical manufacturers in the Life Sciences, Pharmaceutical, Medical Device, and Semi-Conductor industries. The revolutionary recycling process converts post-consumer plastic to 100% continuous filament polyester, the same substrate used in many of Contec's standard polyester wipes and mops.

As synthetic polyester, ReFIBE wipes are exceptionally clean and are compatible with a wide range of cleanroom solutions and disinfectants. Like Contec's standard polyester wipes, ReFIBE is laundered and packaged in an ISO 4 cleanroom. Low in releasable particles and fibers, ReFIBE wipes can be used in place of traditional polyester to incorporate sustainability without compromising quality or performance. Available in 9x9" and 12x12" sizes.

### How does it work?



Features	Benefits
Made from recycled plastic bottles	• Diverts recyclable materials from landfills
100% synthetic polyester	• Compatible with common cleanroom solvents • Low in extractables
Low in particles and fibers	• Lower risk of particulate contamination during use
Laser cut edge	• Heatsealed edge is suitable for use in ISO 3 and higher

Part No.	Description	EA/OB1	OB1/OB2	OB2/CS	EA/CS	Avg. # Recycled Bottles per Case
RFHS-99	Contec ReFIBE StandardWeight Heatseal Wipes, 9" x 9" (23x23cm)	75	2	12	1800	840
RFHS-1212	Contec ReFIBE StandardWeight Heatseal Wipes, 12" x 12" (30x30cm)	75	1	10	750	480

In partnership with:

## Product Information

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

## Technical Data

Attribute (units)	Typical Value*	Test Method**
Basis weight; nominal (g/m <sup>2</sup> )	124	Contec Method
Sorbent capacity; (mL/m <sup>2</sup> )	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 <sup>2</sup> )	0.01	
In isopropanol; (g/m <sup>2</sup> )	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 <sup>6</sup> /m <sup>2</sup> )	2.72	IEST-RP-CC004.3, Sec. 5.1
Fibers > 100µm; (x10 <sup>3</sup> /m <sup>2</sup> )	0.15	IEST-RP-CC004.3, Sec. 5.2

### \*Notes

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

### \*\*Test Methods:

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