

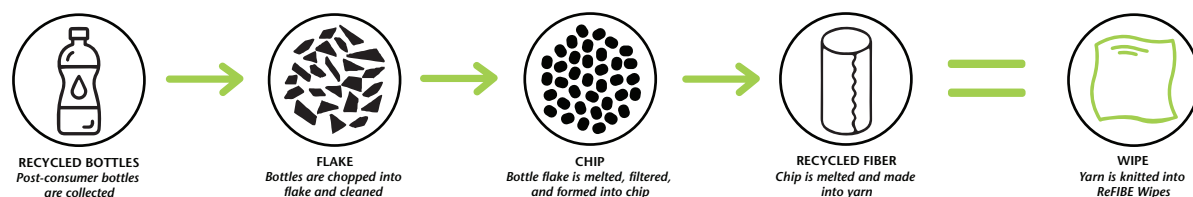
Contec® ReFIBE™ Wipes

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 semiconductor 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. 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 9" x 9" and 12" x 12" 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
Validated sterile via gamma irradiation to a 10 ⁻⁶ Sterility Assurance Level	• Suitable for use in Grade A/B cleanrooms

Part No.	Description	Packaging	Avg. # Recycled Bottles per Case
RFHS-99	Contec ReFIBE Standard Weight Heatseal Wipes, 9" x 9" (23 x 23cm)	75/bag; 10 bags/case	840
RFHS-1212	Contec ReFIBE Standard Weight Heatseal Wipes, 12" x 12" (30.5 x 30.5cm)	75/bag; 24 bags/case	480
RFHS-99IR	Contec ReFIBE Standard Weight Heatseal Wipes, 9" x 9" (23 x 23cm), Sterile	25/bag; 48 bags/case	560
RFHS-1212IR	Contec ReFIBE Standard Weight Heatseal Wipes, 12" x 12" (30.5 x 30.5cm), Sterile	25/bag; 40 bags/case	640

In partnership with:



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Product Information

Material	100% recycled polyester
Construction	Interlock Knit, no-run
Packaging Materials	Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	ISO 3-8 Grade A/B for sterile, C/D for nonsterile

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-CC004.2, Sec. 5.1
Fibers > 100µm; (x10 ³ /m ²)	0.15	IEST-RP-CC004.2, Sec. 5.2



Packaging

	EA/OB1	OB1/OB2	OB2/CS	EA/CS
RFHS-99	75	2	12	1800
RFHS-1212	75	1	10	750
RFHS-99IR	25	4	12	1200
RFHS-1212IR	25	4	10	1000

EA = Each, OB1 = Outer Bag 1, OB2 = Outer Bag 2, CS = Case

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 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.

Recycle Symbol Key

PET	
HDPE	
LDPE	
PP	
PAP	