

Quiltec® I Wipes

2-ply quilted polyester wipes with sealed edges




Quiltec® I Wipes offer the highest sorptive capacity of any sealed edge wipe available. It is manufactured using two layers of knitted polyester fabric that are laminated together to form a stronger, more adsorbent wipe. Additional fluid is captured within the quilted pockets between the fabric layers, increasing the sorbent capacity. Quiltec I has more than twice the adsorbent capacity of a single layer wipe.

Quiltec I has laser-cut, heatsealed edges which reduce the number of releasable particles and fibers. As a knitted polyester product, it is abrasion and chemical resistant and extremely low in particles and fibers.



Sterile Quiltec is validated sterile to a 10^{-6} SAL per ANSI/AAMI/ISO 11137 guidelines. A certificate of sterility is provided with each shipment.



Features	Benefits
Extremely low in both particles and fibers	<ul style="list-style-type: none"> • Reduces possibility of contamination
Strong fabric	<ul style="list-style-type: none"> • Abrasion and chemical resistant
Laser-cut sealed edges	<ul style="list-style-type: none"> • Reduces particle and fiber generation reducing possibility of contamination

Part No.	Description		Size	Packaging
QT1-99	Quiltec I Wipes, Flat stacked		9" x 9" (230 x 230 mm)	50/bag; 20 bags/case
QT1-1212	Quiltec I Wipes, Flat stacked		12" x 12" (305 x 305 mm)	50/bag; 10 bags/case
QT1-44B	Quiltec I Wipes, Flat stacked		4" x 4" (102 x 102 mm)	300/bag; 8 bags/case
QT1-66B	Quiltec I Wipes, Flat stacked		6" x 6" (152 x 152 mm)	200/bag; 10 bags/case
QT1-99B	Quiltec I Wipes, Flat stacked		9" x 9" (230 x 230 mm)	150/bag; 6 bags/case
QT1-1212B/100	Quiltec I Wipes, Flat stacked		12" x 12" (305 x 305 mm)	100/bag; 5 bags/case
LWQS0001	Quiltec I Wipes, Flat stacked		9" x 9" (230 x 230 mm)	25/bag; 40 bags/case
LWQS0002	Quiltec I Wipes, Flat stacked		12" x 12" (305 x 305 mm)	25/bag; 20 bags/case
LWQT0019	Quiltec I Wipes, Flat stacked		18" x 18" (460 x 460 mm)	25/bag; 8 bags/case
LWQT0031	Quiltec I Wipes, Flat stacked		12" x 12" (305 x 305 mm)	10/bag; 50 bags/case
LWQT0034	Quiltec I Wipes, Flat stacked		29.5" x 29.5" (749 x 749 mm)	20/bag; 4 bags/case
LWQT0100	Quiltec I Wipes		10" x 17" (250 x 432 mm)	20/bag; 12 bags/case

Product Information

Material	<ul style="list-style-type: none"> • 100% knitted polyester
Construction	<ul style="list-style-type: none"> • 2-layer, ultrasonically bonded, interlock knit
Packaging materials	<ul style="list-style-type: none"> • Outer bags (OB1, OB2), low density polyethylene (LDPE)  Case (CS), corrugated fiberboard (PAP) 
Environment	<ul style="list-style-type: none"> • ISO 3-5 Grade A/B for sterile, C/D for nonsterile
Shelf life	<ul style="list-style-type: none"> • Sterile: 2 years from manufacturing date



Recycle Symbols



Technical Data		
Attribute (units)	Typical Value	Test Method
Basis weight, nominal; (g/m ²)	240	Contec Method
Sorbent capacity; (mL/m ²)	581	IEST-RP-CC004.3, Sec. 8.1
Sorptive rate; (seconds)	<1	
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.016	
In isopropyl alcohol; (g/m ²)	0.009	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.050	
Chloride; (ppm)	0.030	
Particles, readily releasable		
Particles \geq 0.5 μ m; (x10 ⁶ /m ²)	5.7	IEST-RP-CC004.2, Sec. 5.1
Fibers \geq 100 μ m; (x 10 ³ /m ²)	0.140	IEST-RP-CC004.2, Sec. 5.2

	EA/OB1	OB1/OB2	OB2/CS	EA/CS
LWQS0001	25	4	10	1,000
LWQS0002	25	4	5	500
LWQT0019	25	1	8	200
LWQT0031	10	5	10	500
LWQT0034	20	1	4	80
LWQT0100	20	1	12	240
QT1-44B	300	1	8	2,400
QT1-66B	200	1	10	2,000
QT1-99	50	2	10	1,000
QT1-99B	150	1	6	900
QT1-1212	50	2	5	500
QT1-1212B/100	100	1	5	500

EA = each; OB = outer bag; 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