



Quiltec® I Wipe

Two-ply quilted polyester wipe

Description

The Quiltec I Wipe is made using two layers of knitted polyester fabric which have been laminated together to form a stronger, more adsorbent wipe. The wipe has more than twice the adsorbent capacity of the individual layers because additional fluid is trapped in quilted pockets between the two layers. The Quiltec I Wipe offers the highest sorptive capacity of any sealed edge wipe available.

Features and Benefits

- Increased strength, durability and total sorbency
- Laser-cut, which seals fibers at wipe's edge
- Extremely low in particles and fibers
- Excellent sorbency with solvents
- Abrasion and chemical resistant

Applicability

The information presented here is applicable to the part numbers shown below as well as to any product containing the same materials and produced under the same conditions, regardless of product size or packaging configuration. Please contact a Contec sales representative for more details.

QT1-44, QT1-44B, QT1-66B, QT1-99, QT1-99B, QT1-1212, LWQS0001, LWQS0002, LWQT0003, LWQT0005, LWQT0006, LWQT0008, LWQT0019, LWQT0031, LWQT0100, MEQT0001, MEQT0002 (sterile)

Technical Data

Attribute; (units)	Value **	Test Method
Basis weight; (g/m ²)	240	
Sorbency in water		
Intrinsic; (mL/g)	3.19	IEST-RP-CC004.2, Sec. 7.1
Extrinsic; (mL/m ²)	766	IEST-RP-CC004.2, Sec. 7.1
Sorptive rate; (seconds)	< 1	
Non-volatile residue, NVR		IEST-RP-CC004.2, Sec. 6.1.2
In deionized water; (g/m ²)	0.0028	
In isopropanol; (g/m ²)	0.0156	
Specific ions		IEST-RP-CC004.2, Sec. 6.2.2
Sodium; (ppm)	0.696	
Chloride; (ppm)	1.145	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P ≥ 0.3µm; (x10 ⁶ /m ²)	N/A	
P ≥ 0.5µm; (x10 ⁶ /m ²)	6.5	
Fibers > 100µm; (x10 ³ /m ²)	0.740	IEST-RP-CC004.2, Sec. 5.2

** ND = None detected; levels are below detection limit of test equipment

Notes:

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

Revision date: 02/04/10



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