



Quiltec® I Wiper

Two-ply quilted polyester wiper

Description

The Quiltec I Wiper is made using two layers of knitted polyester fabric which have been laminated together to form a stronger, more adsorbent wiper. The wiper 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 Wiper offers the highest sorptive capacity of any sealed edge wiper available.

Features and Benefits

- Increased strength, durability and total sorbency
- Laser-cut, which seals fibers at wiper'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, QT1-1011 QT1-1212, QT1-1212/100, LWQS0001, LWQS0002, LWQT0003, LWQT0005, LWQT0006, LWQT0008, LWQT0019, LWQT0031

Technical Data

Attribute; (units)	Value **	Test Method
Basis weight; (g/m ²)	230	
Sorbency in water		IEST-RP-CC004.3, Sec. 8.1
Intrinsic; (mL/g)	2.27	
Extrinsic; (mL/m ²)	524	
Sorptive rate; (seconds)	< 1	IEST-RP-CC004.3, Sec. 8.2
Non-volatile residue, NVR		IEST-RP-CC004.3, Sec. 7.1.2
In deionized water; (g/m ²)	0.009	
In isopropanol; (g/m ²)	0.016	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.122	
Chloride; (ppm)	0.066	
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)	6.9	
Fibers > 100µm; (x10 ³ /m ²)	0.132	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: 05/25/2011