



Guardrail® G2 Heavy Weight With PAT

Textured 100% polyester no-run knit wipe with Sealed Borders

Description

Anticon Guardrail G2 Heavy Weight PAT wipes are made from textured 100% filament polyester knit. The wipe has a sealed border on all sides, minimizing particle and fiber release. Contec's patented Particle Attraction Technology (PAT), attracts and retains more particles, offering a better clean than competitive wipes. Laundered and packaged in an ISO Class 4 cleanroom, Guardrail G2 is ideal for critical environments.

Features and Benefits

- Extremely low particles and fibers, starts out twice as clean as competitive wipes.
- Attracts 35 times more particles than the competitive wipes, and retains 95 percent of the particles captured, so there is less chance of re-contamination
- Good sorbency with solvents
- Abrasion resistant
- Critical cleaning

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.

Technical Data

Attribute; (units)	Value **	Test Method
Basis weight; (g/m ²)	141	
Sorbency in water		IEST-RP-CC004.3, Sec. 8.1
Intrinsic; (mL/g)	2.40	
Extrinsic; (mL/m ²)	337	
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)	0.003	
In isopropanol; (g/m ²)	0.018	
Specific ions		IEST-RP-CC004.3, Sec. 7.2.2
Sodium; (ppm)	0.129	
Chloride; (ppm)	0.034	
Particles, readily releasable		IEST-RP-CC004.2, Sec. 5.1
P≥0.3um; (x10 ⁹ /m ²)	N/A	
P≥0.5um; (x10 ⁹ /m ²)	3.0	
Fibers > 100um; (x10 ³ /m ²)	0.11	IEST-RP-CC004.2, sec. 5.2

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

Part #	Description	Packaging
G2HW0101	9 x9" (23 x 23cm) wiper	100 wipers/bag, 10 bags/case

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: 05/26/2011
ETR 678



No.17 Longyun Road , Suzhou Industrial Park,
Suzhou 215024, China
Tel: 86-512-6274 4050 Fax: 86-512-6274 4051
www.contecinc.com