



Pre-saturated Cleanroom Wiper Texwipe AlphaSat® TX-1036

Description

AlphaWipe® is constructed from 100% continuous-filament polyester in a double-knit, no-run interlock pattern. Cleanroom laundered and packaged, AlphaWipe® is an ultraclean and highly sorbent wiper ideal for critical environments. AlphaWipe® has a laundered cut edge. It exhibits low particle and fiber levels.

Features

- 100% polyester fiber - continuous-filament, double-knit
- Pre-saturated with 70% IPA, 30% Di-Water
- Cleanroom laundered and packaged
- Solvent-safe packaging
- Lot-to-lot traceability

Benefits

- Ultra low levels of particles and extractables
 - Continuous-filament fiber prevents shedding
 - Prevents cleanroom contamination
- Resists abrasion with rigorous use or rough surfaces
- Excellent chemical resistance

Applications

- General wiping
- Spill control
- Cleaning and polishing stainless steel
- Large surface areas
- Protective covering for parts and product
- ISO Class 4-5

Performance characteristics

| Property | Typical value | Test method* |
|--------------------|----------------------|--------------|
| Basis weight | 158 g/m ² | 1, TM20 |
| Absorbency | | |
| sorbptive capacity | 530ml/m ² | 1, TM20 |
| sorbptive rate | 0,5 sec. | 1, TM20 |



Contamination characteristics

| Property | Typical value | Test method* |
|------------------------|--|--------------|
| LPC ≥ 0,5µm | 8,4 x 10 ⁶ particles/m ² | 1, TM22 |
| Particles and fibers | | |
| Particles 0,5 – 5,0 µm | 10 x 10 ⁶ particles/m ² | 1,2, TM22 |
| 5,0 – 100 µm | 200.000 particles/m ² | 1,2, TM22 |
| Fibers > 100 µm | 2.000 fibers/m ² | 1,2, TM22 |
| Nonvolatile residue | | |
| IPA extractant | 0,04 g/m ² | 1, TM1 |
| DIW extractant | 0,02 g/m ² | 1, TM1 |
| Ions | | |
| Sodium | 0,22 ppm | 1, TM18 |
| Potassium | 0,06 ppm | 1, TM18 |
| Chloride | 0,05 ppm | 1, TM18 |

Note: The data in this table represent typical analyses of these wipers at the time of publication. These are not specifications. ITW Texwipe continually refines both its processes and its products.

*Test methods

- 1 Evaluating wiping material used in cleanroom and other controlled environments, "IEST-RP-CC 004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL 2004; www.iest.org
- 2 "Standard method for size-differentiated counting of particles and fibers released from clean room wipers using optical and scanning electron microscopy," E2090-00, ASTM international, West Conshohocken, PA, 2000; www.astm.org

TM Refers to ITW Texwipe Test Method – available upon request, contact ITW Texwipe Customer Service at [www. Texwipe.com](http://www.Texwipe.com) for a copy.

Texwipe regulatory certificates

- ISO 9001:2008
- ISO 13485:2003
- ISO 14001:2004
- OHSAS 18001:2007

Packaging unit: 75 wipers / bag
Size: 15 x 15 cm
Art.-no.: RTTX1036

hans j. michael gmbh

HANS J. MICHAEL GmbH, Hart 11, 71554 Weissach i.T., Phone 0049-7191/9105-0, Fax 0049-7191/9105-19
e-mail: office@hjm-reinraum.de Internet: <http://www.hjm-reinraum.com>