

BetaWipe™ Wipers

Composite wiper offering high sorption as well as strong resistance to acids



Description

BetaWipe™ is a thick polypropylene and cellulose wiper thermally bonded in a unique composite construction. The cellulose contributes to the product's high sorption, while the polypropylene provides the wiper with resistance to strong acids. With its very soft surface texture, BetaWipe™ is ideal for cleaning sensitive surfaces.

Features

- Polypropylene and cellulose composite
- High fabric loft
- Unique thermally bonded composite construction
- Autoclavable
- Solvent-safe Bag-Within-A-Bag® cleanroom packaging
- Statistical quality control

Benefits

- Extremely durable and highly sorptive
- Resists strong acids
- Provides an extremely soft and nonabrasive surface texture
- Low particle generation helps prevent contamination
- Controlled quality and lot-to-lot traceability

Applications

- Designed for removal of acids, etchants and chemical spills
- Ideal for cleaning and polishing delicate instrumentation
- Excellent for wiping scratch-sensitive surfaces

Products

TX Number	Description	Packaging
TX2009	BetaWipe™ 9" x 9" (23 cm x 23 cm) polypropylene/cellulose composite wipers	100 wipers/bag, 2 inner bags of 50 wipers; 10 bags/case



North America
1210 South Park Drive
Kernersville, NC 27284
Tel (800) TEXWIPE
(336) 996-7046
Fax (336) 996-2297
www.texwipe.com
info@texwipe.com

Europe/Middle East
Skejby Nordlandsvej 307
DK-8200 Aarhus N
Denmark
Tel +45 87 400 220
Fax +45 87 400 222

Asia/Pacific
50 Tagore Lane
#02-01 Entrepreneur Centre
Singapore 787494
Tel +65 6468 9433
Fax +65 6468 6772

BetaWipe™ Wipers

TX2009

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	112 g/m ²	1, TM20
Absorbency		
Sorptive capacity	560 mL/m ²	1, TM20
Sorptive rate	1 second	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	40 x 10 ⁶ particles/m ²	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	130 x 10 ⁶ particles/m ²	1, 2, TM22
5.0-100 µm	185,000 particles/m ²	1, 2, TM22
Fibers: >100 µm	90,000 fibers/m ²	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.20 g/m ²	1, TM1
DIW extractant	0.06 g/m ²	1, TM1
Ions		
Sodium	50 ppm	1, TM18
Potassium	3.8 ppm	1, TM18
Chloride	11 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 Materials 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 for a copy.

ITW Texwipe is the only wiper company to be ISO 9001:2000, 13485:2003, 14001:2004 and OHSAS 18001:1999 registered.