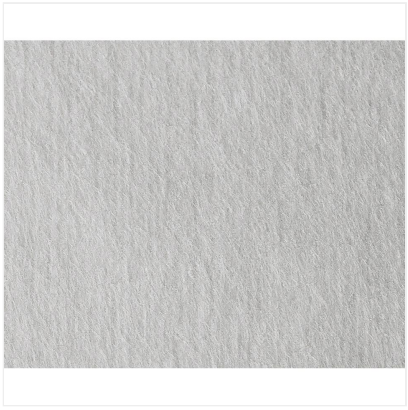

Tuch Absorbond

pure11-Nr.: 06025, Hersteller: ITW Texwipe

Zusammenfassung

- Neue pure11-Artikelnummer (ab 01.07.2023): 1106025
- Material: Polyester
- Gewicht: 42 g/m²
- Vliesstoff aus 100% Polyester (Nonwoven), hydroverfestigt
- Sehr weiches Vlies
- Besonders geeignet für kratzempfindliche Flächen und als Optik-Tuch
- Keine Tenside
- Saugfähigkeit ist fünfmal höher als das Gewicht des Tuches
- Lieferform: gelegt

Empfohlene Reinraumklassen

ISO	3	4	**5**	**6**	**7**	**8**	**9**
GMP					**C**	**D**	

Produktvarianten

pure11-Nr.: 060251010
Farbe: Weiß / Maße: 10 x 10 cm (4 x 4") / Herst.-Nr.: TX404 / VE: 1.200 Stück

pure11-Nr.: 060252323
Farbe: Weiß / Maße: 23 x 23 cm (9 x 9") / Herst.-Nr.: TX409 / VE: 300 Stück

Quelle: https://www.pure11.de/tuch-absorbond

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Absorbond® Wipers

Hydroentangled polyester wipers for maximum sorptive capacity and optical applications—best wiper for cleaning oil or grease

Description

Absorbond® is the wiper of choice for critical wiping applications where softness, nonabrasiveness and very low extractable levels of nonvolatile residue are essential. Absorbond is made of 100% hydroentangled polyester. The hydroentanglement process uses jets of water to mechanically entangle the fibers, eliminating the need for chemical binders. Even though Absorbond contains no surfactants, its sorptive capacity is five times its weight. This is due to the density of Absorbond's fiber structure, which allows for the sorption of liquids through capillary action.

Features

- 100% synthetic fiber (hydroentangled polyester)
- No binders
- SolventSafe Bag-Within-A-Bag® cleanroom packaging
- Statistical Quality Control
- Excellent oil and grease absorption

Benefits

- Provides absorbency up to five times its own weight
- Prevents abrasion with its soft, durable surface
- Prevents product and cleanroom contamination with ultralow levels of particles and extractables
- Assures lot-to-lot traceability

Applications

- Cleaning and absorbing oil and grease
- Very low solvent extractable levels make Absorbond ideal for applications where low nonvolatile residue is essential
- Nonabrasive cleaning and handling of delicate optical-grade components such as coated lenses, fiber optic sensors and mirrors
- Cleaning precision assembly components and sensitive surfaces
- Low-contamination work surface

Products

TX Number	Description	Packaging
TX404	Absorbond® 4" x 4" (10 cm x 10 cm) hydroentangled polyester wipers	1,200 wipers/bag, 4 inner bags of 300 wipers; 10 bags/case
TX409	Absorbond® 9" x 9" (23 cm x 23 cm) hydroentangled polyester wipers	300 wipers/bag, 2 inner bags of 150 wipers; 10 bags/case

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DS-404 Printed in USA
Effective: December 2009

Absorbond® Wipers

TX404 TX409

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	42 g/m^2	1, TM20
Absorbency		
Sorptive capacity	210 mL/m^2¥	1, TM20
Sorptive rate	1.4 seconds¥	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	1.3 x 10^6 particles/m^2	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	16 x 10^6 particles/m^2	1, 2, TM22
5.0-100 µm	200,000 particles/m^2	1, 2, TM22
Fibers: >100 µm	23,000 fibers/m^2	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.01 g/m^2	1, TM1
DIW extractant	0.005 g/m^2	1, TM1
Ions		
Sodium	7.0 ppm	1, TM18
Potassium	2.0 ppm	1, TM18
Chloride	5.0 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.

¥Absorbency test performed using IPA.

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