

AlphaWipe® Wipers

Highly adsorbent polyester wiper for critical environments



Applications

- Superior for spill control and general wiping
- Cleaning and polishing the interior of stainless steel tubing
- Bench/tool cover

ITW Texwipe®

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

DS-1009 ©2009 ITW Texwipe Printed in USA
Effective: December 2009

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 lower particle and fiber levels than competitive hot-cut or laser-cut products.

AlphaWipe® is also available pre-wetted in several CleanPaks®. Solutions can be customized to your specifications.

Features

- 100% synthetic fiber (continuous-filament, double-knit polyester)
- Cleanroom laundered and packaged
- Solvent-safe Bag-Within-A-Bag® cleanroom packaging
- Statistical quality control
- Variety of sizes and packaging options

Benefits

- Prevents cleanroom contamination with ultralow levels of particles and extractables
- Resists abrasion under rigorous use or when wiping rough surfaces
- Lot-to-lot traceability

Products

TX Number	Dry Wipers	Packaging
TX1003	AlphaWipe® 11" x 12" nominal (28 cm x 31 cm) polyester wipers	250 wipers/bag, 2 inner bags of 125 random packed wipers; 6 bags/case
TX1004	AlphaWipe® 4" x 4" nominal (10 cm x 10 cm) polyester wipers	300 wipers/bag, 2 inner bags of 150 wipers; 20 bags/case
TX1009	AlphaWipe® 9" x 9" nominal (23 cm x 23 cm) polyester wipers	150 wipers/bag, 2 inner bags of 75 wipers; 10 bags/case
TX1009B	AlphaWipe® 9" x 9" nominal (23 cm x 23 cm) polyester wipers	150 wipers/bulk packed, 2 inner bags of 75 wipers; 10 bags/case
TX1013	AlphaWipe® 12" x 12" nominal (31 cm x 31 cm) polyester wipers	75 wipers/bag, double bagged; 10 bags/case
TX1024*	AlphaWipe® 24" x 44" nominal (60 cm x 112 cm) polyester wipers	75 wipers/bag; 3 bags/case
TX1024W*	AlphaWipe® 30" x 40" nominal (76 cm x 102 cm) polyester wipers	6 wipers/bag; 10 bags/case
CleanPaks		
TX1034	AlphaSat® 4" x 4" nominal (10 cm x 10 cm) Pre-wetted with 70% IPA	200 wipers/reclosable bag; 4 bags/case
TX1036	AlphaSat® 6" x 6" nominal (15 cm x 15 cm) Pre-wetted with 70% IPA	75 wipers/reclosable bag; 12 bags/case
TX1039	AlphaSat® 9" x 9" nominal (23 cm x 23 cm) Pre-wetted with 70% IPA	50 wipers/reclosable bag; 4 bags/case

* TX1024 and TX1024W can also be used as mop covers and bench/tool covers.

AlphaWipe® Wipers

TX1003 TX1004 TX1009 TX1009B
 TX1013 TX1024 TX1024W
 TX1034 TX1036 TX1039

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	158 g/m ²	1, TM20
Absorbency		
Sorptive capacity	530 mL/m ²	1, TM20
Sorptive rate	0.5 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	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 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.