

# TechniCloth® Wipers

Lowest NVR in a nonwoven blended wiper



## Features

- Fiber blend (55% cellulose and 45% polyester)
- Nonwoven, hydroentangled construction with excellent bidirectional strength
- Solvent-safe Bag-Within-A-Bag® cleanroom packaging
- Statistical quality control
- Autoclavable

## Benefits

- Excellent wet and dry strength due to the polyester
- Highly absorbent due to the cellulose
- Compatible with most solvents
- Contains no chemical binders
- Low extractable levels

**ITW Texwipe®**

North America  
1210 South Park Drive  
Kernersville, NC 27284  
Tel (800) TEXWIPE  
(336) 996-7046  
Fax (336) 996-2297  
[www.texwipe.com](http://www.texwipe.com)  
[info@texwipe.com](mailto: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-609 ©2009 ITW Texwipe Printed in USA  
Effective: December 2009

## Description

TechniCloth® wipers are fabricated from a hydroentangled, nonwoven blend of 55% cellulose and 45% polyester. This fabric blend combines the highly absorbent properties of a natural fiber with the cleanliness and strength of a synthetic wiper. With its low particle counts, low extractable levels and solvent compatibility, TechniCloth® is ideal for general wiping and spill control in controlled environments.

TechniCloth® is also available pre-wetted as a CleanPak® with isopropyl alcohol/deionized water solution.

## Applications

- Designed for general-purpose wiping where economy and cleanliness are of critical importance
- Ideal for applications where high absorbency and low extractables are prime considerations
- Excellent for picking up aqueous spills
- Suitable for cleaning precision components and lab apparatus

## Products

TX Number	Dry Wipers	Packaging
<b>TX604</b>	TechniCloth® 4" x 4" (10 cm x 10 cm) nonwoven, cellulose/polyester-blend wipers	1,200 wipers/bag, 4 inner bags of 300 wipers; 10 bags/case
<b>TX606</b>	TechniCloth® 6" x 6" (15 cm x 15 cm) nonwoven, cellulose/polyester-blend wipers	600 wipers/bag, 2 inner bags of 300 wipers; 10 bags/case
<b>TX609</b>	TechniCloth® 9" x 9" (23 cm x 23 cm) nonwoven, cellulose/polyester-blend wipers	300 wipers/bag, double bagged; 10 bags/case
<b>TX612</b>	TechniCloth® 12" x 12" (31 cm x 31 cm) nonwoven, cellulose/polyester-blend wipers	150 wipers/bag, double bagged; 10 bags/case
<b>CleanPaks</b>		
<b>TX1041</b>	TechniSat® 9" x 11" (23 cm x 28 cm) TechniCloth® wipers pre-wetted with 70% IPA	70 wipers/rectosable bag; 12 bags/case
<b>TX1045</b>	TechniSat® 6" x 8" (15 cm x 20 cm) TechniCloth® wipers pre-wetted with 70% IPA	100 wipers/canister; 12 canisters/case
<b>TX1048</b>	TechniSat® 8" x 5" (20 cm x 13 cm) TechniCloth® wipers pre-wetted with 6% IPA	210 wipers/refill pack; 12 refills and 1 reusable flip top tub case
<b>TX1065</b>	TechniSat® 9" x 11" (23 cm x 28 cm) TechniCloth® wipers pre-wetted with 70% IPA	50 wipers/FlexPack; 24 FlexPacks/case
<b>TX8398</b>	TechniSat® 9" x 11" (23 cm x 28 cm) TechniCloth® wipers pre-wetted with 6% IPA	50 wipers/FlexPack; 24 FlexPacks/case
<b>Mop Covers</b>		
<b>TX627C*</b>	TechniCloth® 15" x 27" (37.5 cm x 67.5 cm) cellulose/polyester blend	150 mop covers/bag; 4 bags/case
<b>TX630*</b>	TechniCloth® 23.5" x 10" (59 cm x 25 cm) cellulose/polyester blend	150 mop covers/bag; 12 bags/case

\* Available in Europe and Asia only.

# TechniCloth® Wipers

TX604 TX606 TX609 TX612 TX1041 TX1045  
TX1048 TX1065 TX8398 TX627C TX630

## Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	69 g/m <sup>2</sup>	1, TM20
Absorbency		
Sorptive capacity	320 mL/m <sup>2</sup>	1, TM20
Sorptive rate	<0.3 seconds	1, TM20

## Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	72 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	20 x 10 <sup>6</sup> particles/m <sup>2</sup>	1, 2, TM22
5.0-100 µm	997,000 particles/m <sup>2</sup>	1, 2, TM22
Fibers: >100 µm	55,000 fibers/m <sup>2</sup>	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.01 g/m <sup>2</sup>	1, TM1
DIW extractant	0.03 g/m <sup>2</sup>	1, TM1
Ions		
Sodium	34 ppm	1, TM18
Potassium	1.0 ppm	1, TM18
Chloride	16 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](http://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](http://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.

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