

VersaWipe® Wipers

Lowest NVR in a nonwoven blended wiper



Description

VersaWipe® 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, VersaWipe® is ideal for general wiping and spill control in controlled environments.

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
- Eye-catching packaging to control product migration from approved site location

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

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	Description	Packaging
TX624	VersaWipe® 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
TX629	VersaWipe® 9" x 9" (23 cm x 23 cm) nonwoven, cellulose/polyester-blend wipers	300 wipers/bag, double-bagged; 10 bags/case
TX622	VersaWipe® 12" x 12" (31 cm x 31 cm) nonwoven, cellulose/polyester-blend wipers	150 wipers/bag, double-bagged; 10 bags/case



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VersaWipe® Wipers

TX622 TX624 TX629

Performance Characteristics

Property	Typical Value	Test Method*
Basis weight	60 g/m ²	1, TM20
Absorbency		
Sorptive capacity	280 mL/m ²	1, TM20
Sorptive rate	<1 seconds	1, TM20

Contamination Characteristics

Property	Typical Value	Test Method*
LPC		
≥ 0.5 µm	63 x 10 ⁶ particles/m ²	1, TM22
Particles and fibers		
Particles 0.5-5.0 µm	17 x 10 ⁶ particles/m ²	1, 2, TM22
5.0-100 µm	311,000 particles/m ²	1, 2, TM22
Fibers: >100 µm	50,000 fibers/m ²	1, 2, TM22
Nonvolatile residue		
IPA extractant	0.01 g/m ²	1, TM1
DIW extractant	0.03 g/m ²	1, TM1
Ions		
Sodium	31 ppm	1, TM18
Potassium	3.5 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.
- 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.