

Polysat[®]

Pre-Wetted | Sterile



TECHNICAL DATA SHEET



PolySat®
 100% melt-blown polypropylene



Made in USA

Products

Number	Description	Sterile	Packaging	Case
<i>Pre-Wetted Wipers – PolySat®</i>				
TX1040	7" x 11" (17 cm x 28 cm) pre-wetted with 70% IPA		200 wipers/reclosable bag	4 bags
TX1051	9" x 11" (23 cm x 28 cm) pre-wetted with 70% IPA		50 wipers/flexpack	24 flexpacks
TX3213	9" x 11" (23 cm x 28 cm) pre-wetted with 70% IPA, sterile	●	50 wipers/flexpack	20 flexpacks
TX3216	9" x 11" (23 cm x 28 cm) pre-wetted with 70% IPA, sterile	●	20 wipers/flexpack	24 flexpacks
TX8723	6" x 11" (15 cm x 28 cm) pre-wetted with 70% IPA		75 wipers/bag	24 bags
TX8727	6" x 11" (15 cm x 28 cm) pre-wetted with 70% IPA refills		75 wipers/refill bag	20 bags, 1 reclosable container

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Description

PolySat® is made from 100% melt-blown polypropylene with a cut edge, cleanroom manufactured.

Available in non-sterile, pre-wetted (PolySat®) and sterile, pre-wetted (Sterile PolySat®).

Applications

- Wiping and cleaning surfaces, equipment and parts.
- Removing lubricants, adhesives and other solutions and processing aids.
- Cleaning gloves, notebooks, phones or any other item entering the cleanroom.

Industries

Aerospace	Animal Laboratory	Biologics
Cleanroom Design/Build	Compounding Pharmacies	Data Storage
Facilities Maintenance	Industrial	Laboratory
Medical Device	Microelectronics	Pharmaceutical
Printing/Graphics	Semiconductor	USP <797> / USP <800>
Food Processing		

NSF Rated



TX8723 PolySat Wipers are NSF rated to be acceptable for use as a general cleaner (A1) on all surfaces in and around food processing areas, where its use is not intended for direct food contact. Use of TX8723 in food processing or handling facilities requires that all food products and packaging materials be removed or protected prior to use of product. A potable water rinse of cleaned surfaces is required after use of this product. When used according to instructions, TX8723 PolySat Wipers will not exhibit a noticeable odor nor will it leave a visible residue.

Features & Benefits

- Constructed from 100% melt-blown polypropylene creating a soft wiper ideal for use on sensitive surfaces.
- PolySat® products are pre-wet with 0.2 µm filtered 70% IPA / 30% DIW for ease of use.
- PolySat® wipers provide a consistent, optimized cleaning efficiency with repeatable wetness and VOC levels.
- PolySat® wipers are packaged in easy-to-use, reclosable slider bags, tubs, and peel-and-reseal bags reducing solution evaporation that preserves the consistent wiper wetness level.
- Manufactured to provide low levels of particles and extractables creating a wiper suitable for general cleaning and wiping.
- Designed for use on abrasive surfaces. This wiper will not easily snag or abrade releasing particles and fibers into the process or environment
- Meets USP <797> and <800> wiper requirements.
- Individually lot coded for ease of traceability and quality control.

Cleanroom Environment

- ISO Class 5 – 8
- Class 100 – 100,000
- EU Grade B – D

Shelf Life

- Non-Sterile (Pre-Wetted) – 3 years from date of manufacture
- Sterile (Dry & Pre-Wetted) – 3 years from the date of manufacture

Custom products available upon request.

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Performance Characteristics

Property	Typical Value	Test Method*
Particles and Fibers LPC: $\geq 0.5 \mu\text{m}$ Fibers: $> 100 \mu\text{m}$	13×10^6 particles/m ² 4,500 fibers/m ²	1, TM22 2, TM22
Nonvolatile Residue IPA extractant DIW extractant	0.001 g/m ² 0.005 g/m ²	1, TM1 1, TM1
Ions Sodium Potassium Chloride	0.3 ppm 0.2 ppm 0.15 ppm	1, TM18 1, TM18 1, TM18

Physical Characteristics

Property	Typical Value	Test Method*
Absorbency Sorptive capacity Sorptive rate	360 mL/m ² <0.3 seconds	1, TM20 1, TM20
Basis Weight	34 g/m ²	1, TM20

*Test Methods

- 1 – “Evaluating Wiping Materials Used in Cleanroom and Other Controlled Environments,” IEST-RP-CC004.3, Institute for Environmental Sciences and Technology, Rolling Meadows, IL, 2004; www.iest.org.
 - 2 – E2090-12, “Standard Test Method for Size-Differentiated Counting of Particles and Fibers Released from Cleanroom Wipers Using Optical and Scanning Electron Microscopy,” ASTM International, West Conshohocken, PA, 2012; www.astm.org.
- TM – Refers to Texwipe Test Method – available upon request. Contact Customer Service for a copy. Note: The data in this table represent typical analyses.

For non-sterile products:

- TX1040, TX1051, TX8723, TX8727 – filled using USP grade IPA.

For sterile products:

- Gamma irradiated to a Sterility Assurance Level of 10^{-6} according to AAMI Guidelines.
- Certificates of Compliance, Analysis and Irradiation attached to each case.
- Sterile Validation Documentation available upon request.
- TX3213, TX3216 – filled using USP grade IPA.

Texwipe holds ISO 9001 registration.

All Texwipe products conform to GHS classification for labeling (where applicable).

Shipping classification based on weight of inner package.