

TECHNI-PRO

Product Data Sheet

Polyester Wiper, Cleanroom

TNP100104PK, TNP100105PK, TNP100106PK, TNP100107PK



Description

Cleanroom Environment Certified Polyester DRY Wiper. This lightweight wipe is soft textured with knitted filament polyester fabric designed to clean without scratching.

Applications

- Wiping and cleaning surfaces, equipment, and parts in a cleanroom environment
- Applying and removing lubricants, adhesives, residues and other solutions including disinfectants.
- Cleaning with solvents such as isopropyl alcohol (IPA), ethanol, acetone, and degreasers.

Technical Data

Wipe material 100% Polyester

Attribute; (units)	Value **	Test Method
Basis weight; nominal (g/m ²)	123	MSD-QI-QS-007 A0
Absorbency in water		IEST-RP-CC004.3
Intrinsic; (mL/g)	2.51	
Extrinsic; (mL/m ²)	308.73	
Sportive rate; (seconds)	1	IEST-RP-CC004.3
Non-volatile residue, NVR		IEST-RP-CC004.3
In deionized water; (g/m ²)	0.010	
In isopropanol; (g/m ²)	0.012	
Specific ions		IEST-RP-CC004.3
Sodium; (ppm)	0.023	
Chloride; (ppm)	0.081	
Potassium; (ppm)	0.079	
Particles, readily releasable		
APC: $\geq 0.3\mu\text{m}(\text{Ea}/\text{ft}^3)$	86	IEST-RP-CC003.3
LPC: $\geq 0.5\mu\text{m}(10^6/\text{m}^2)$	9	IEST-RP-CC004.3

Cleanroom Environment

- ISO Class 5 – 8
- Class 100 – 100,000

Shelf Life

- Non-Sterile (Dry) – 3 years from date of manufacture
- Non-Sterile (Pre-Wetted) – 2 years from the date of manufacture
- Sterile – 2 years from the date of manufacture

Rev. DEC22

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Features and Benefits

- Cleanroom laundered and packaged providing ultra. Low levels of ions and non-volatile residues.
- Interlock knit
- Designed for use on abrasive surfaces.
- This wipe will not easily snag or release fibers into cleanroom environment.
- Excellent chemical resistance
- Individually lot coded for traceability and quality control.
- Excellent absorption of water and solvents.
- Holds more dirt and residues than average wipe.
- Removes residues from the surface effectively.



Products

Part Number	Description	Sterile	Packaging	Case
<i>Dry wipes</i>				
TNP100104PK	6" x 6" dry		150 wipes/bag	20 bags
TNP100105PK	6" x 6"dry		100 wipes/bag	20 bags
TNP100106PK	9" x 9" dry		100 wipes/bag	10 bags
TNP100107PK	12" x 12" dry		100 wipes/bag	10 bags

- 1) Valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions.
- 2) The information presented here is applicable to the part numbers shown above, as well as to any product containing the same materials and produced under the same conditions.
- 3) Size can be customized according to customer requirements.
- 4) Stacked, Bulk and Folded method can be customized according to customer requirements.

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