

100% Polyester Cleanroom Wiper



DERTEX™

Suitable for use in all cleanroom environments, Class 10 (ISO Class 4-5) and above

DERTEX™ Polyester Knit Cleanroom Wipers are comprised of 100% ultra pure continuous filament polyester yarns that are especially absorbent and clean. These wipers are laundered and packed in a Class 10 cleanroom laundry.

Highly absorbent, with excellent wiping efficiency and abrasion resistance. Polyester Wipes feature sealed edges for ultra purity and lint free use.

These wipers are designed for extra absorbency and wiping efficiency. Suitable for use in all cleanroom environments, Class 10 and above.



12" x 12" Sheets NPL-12120S

9" x 9" Sheets NPL-9120S

100% Polyester Cleanroom Wiper

Item #	Description	Packaging
NPL-9120S	9" x 9" (23 cm x 23 cm) Non-Woven, Laser Sealed Edges Cleanroom Class: 10-100 Compatible 120 gsm Weight	150 Wipers/Bag 10 Inner Bags/Case
NPL-12120S	12" x 12" (31 cm x 31 cm) Laser Sealed Edges Cleanroom Class: 10-100 Compatible 120 gsm Weight	150 Wipers/Bag 10 Inner Bags/Case

Applications / Features

- Polyester Knit wipes are designed for use in the most sensitive environments for cleaning of sub micron particles, fibers and chemical residue on critical parts and surfaces.
- Cleanroom Class 10 -100 compatible. (ISO Class 4-5)

DERTEX™ Clean wipers are manufactured to conform to the following specifications:

ASTM D3776-96, ASTM D6551-01, ASTM D6550-01, ASTM D5034-95, IEST-RP-CC-004.2, and IEST-RP-CC-004.3

***Test Methods:** "Evaluating Wiping Materials Used in Cleanroom and other Controlled Environments,"

IEST-RP-CC 004.2, IEST-RP-CC 004.03, Institute for Environmental Sciences and Technology, Rolling Meadows, IL www.iest.org

ASTM Test Methods: D6551-01, D3776-96, D6550-01. ASTM International, West Conshohocken, PA www.astm.org



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TEST REPORT

Test Date : 08/03/2017

Wiper Type	Part Number	Lot Number
Polyester Wiper	NPL-12120S	140306LB140308

PHYSICAL PROPERTIES:

BASIS WT (ave.) : 119 g/ m²
 THICKNESS (ave.) : 0.48 mm
 SIZE (ave.) : 12" X 12"
 ABSORBENCY (ave.) : 363 ml/
 m²
 ABSORBENCY RATE : <1 sec.

EQUIPMENT USED:

For LPC: PMS LPC (Liquilaz SO3 sensor with SLS-1300 sampler) Barnstead/Labline Orbital shaker
 For APC: PMS Particle counter (Lasair III 310C) Helmke Drum

REFERENCE PROCEDURE:

LPC Procedure (YICL-WI-QA-004)
 APC Procedure (YICL-WI-QA-005) Absorbency Procedure (YICL-WI-QA-006)

RESULT:

I . LPC (Liquid Particle Count)

P/N	LPC ($\geq 0.5 \mu\text{m}$) (counts/cm ²)
NPL-12120S	254

II . APC (Air Particle Count)

P/N	APC ($\geq 0.3 \mu\text{m}$) (counts/pcs/cfm)
NPL-12120S	16