

120gsm 100% Polyester Wipes



Description

The lightweight laser sealed edged Polyester wipes are a single knit 100% continuous-filament polyester. All four edges are laser cut and sealed to prevent particle and fibre release.

Features

- Laser sealed edge ensures ultra low lint and particle level
- Good absorbency and wiping efficiency
- Resists abrasion under rigorous use
- Solvent safe, double bagged and vacuum cleanroom packed
- Available sterile by gamma irradiation



Applications

- Cleaning of surfaces to control submicron particles, fibres, and chemical residue

Technical Data - Performance Characteristics

Basis Weight	120 gsm
Thickness (micrometer)	0.48mm - 0.53mm
Absorbency Rate & Capacity (IEST-RP-CC 004.3)	
Sorptive capacity	310ml/m ²
Rate (Drop Disappearance mtd.)	0.5sec
Contamination Characteristics	
Nonvolatile Residue, NVR (IEST-RP-CC 004.3, Analysis for Unspecified Extractable Matter)	
IPA Extractant	0.267 mg/g
DIW Extractant	0.0741 mg/g

FTIR	
ION Content (IEST-RP-CC 004.3, short term extraction)	
Chloride (Cl)	0.000073 mg/g
Nitrates (NO ₃)	0.000064 mg/g
Nitrite (NO ₂)	0.000024 mg/g
Sulphate (SO ₄)	0.000061 mg/g
Sodium (Na)	0.000035 mg/g
Calcium (Ca)	0.000314 mg/g

Releasable Particles	
LPC (> 0.5 um)	6.7 x 10 ⁶ particles/m ²
APC (Helmke Drum Test @10rpm); > 0.5 um (IES-RP-CC003.2)	50 counts/pc./cfm -9" x 9" 9.71 x 10 ² counts/m ² /cfm

NOTE:

*Data shown are typical values and should not be used as specifications

Product Code	Description	Pack Size
RND 600-00183	9" x 9" 100% Polyester Wipes	Pack of 150
RND 600-00331	7" x 7" 100% Polyester Wipes	Pack of 200
RND 600-00332	12" x 12" 100% Polyester Wipes	Pack of 150