

Quilt Gamma

POLYESTER CLEANROOM WIPER

DESCRIPTION

Quilt U Wiper is a cleanroom laundered, two-ply, 100% polyester wiper constructed from continuous-filament polyester knitted in a doubleknit interlock pattern. All four edges are Ultrasonic cut and sealed to prevent particle and fiber release. These wipers are perfect for the rigorous demands where critical cleanliness standard is required.

Each package is gamma irradiated to a Sterility Assurance Level (SAL) of 10^{-6} . A circular Red Sticker found on the packaging ensures sterilization of the wiper.

FEATURES

- Validated sterile to a Sterility Assurance Level (SAL) of 10^{-6}
- Lot traceable and accompanied by a Certificate of Irradiation for each shipment.
- Ultrasonic sealed edge ensures ultra low lint and particle level.
- Unique two-ply construction that offers excellent absorbency and wiping efficiency.
- Superior strength allows for rigorous wiping with minimal release of fibers and particles.
- Solvent safe, trippel bagged and vacuum cleanroom packed.

APPLICATIONS

- Suitable for Class 10-100 (ISO4-5) cleanrooms
- Spill control
- Applications requiring both cleanliness and high absorbency



TECHNICAL DATA

Basis Weight			240 ± 10 gsm
Thickness			0.82 - 0.90 mm
Absorbency Capacity (IEST-RP-CC004.3, Sec 8.1)			≥ 600 mL/m ²
Particles by APC sizes@≥ 0.5um (IEST-RP-CC003.2, Helmke drum@10rpm)			1.914 x 10 ³ counts/m ² /cfm
Non-volatile Residue, NVR (IEST-RP-CC004.3, Sec 7.1.2)			In DI water: 0.05 mg/g In IPA: 0.46 mg/g
Organics by FTIR (IEST-RP-CC004.3, Sec 7.2.1)			No Silicone oil, Amide, DOP detected
Particles by LPC sizes@≥ 0.5um (IEST-RP-CC004.3, Sec 6.1.4)			2.5 x 10 ⁶ counts/m ²
Fiber, Particles >100um (IEST-RP-CC004.3, Sec 6.1.4, 6.2.2.1, 6.2.2.2)			570 counts/m ²
Ionics, IC (IEST-RP-CC004.3, Sec 7.2.2)			
Chloride (Cl) 0.000011 mg/g	Nitrates (NO3) 0.0000671 mg/g	Nitrite (NO2) 0.0002314 mg/g	Phosphate (PO4) 0.000090 mg/g
Sulphate (SO4) 0.000021 mg/g	Sodium (Na) 0.000388 mg/g	Potassium (K) 0.000118 mg/g	Magnesium (Mg) 0.000198 mg/g

ITEM NUMBER	DESCRIPTION	COLOUR	PACKING
QUC3030S	Sterile Cleanroom Polyester Quilt wipers; Ultrasonic cut	WHITE	20 pcs/pack 100 pcs/bag (5x20) 3 bags/case