

COVENTRY™ Clean Room Products

Division of Chemtronics

TDS # 6200

Poly-Wipes

PRODUCT DESCRIPTION

Poly-Wipes are constructed from monofilament polyester no-run knit, providing excellent strength, good absorbency and chemical compatibility. These wipers are a perfect choice for general cleanroom and equipment maintenance, or any critical applications where lint can be detrimental. For even lower particle counts specify **6209HC** or **6259HC** with sealed edges.

- Excellent solvent and acid resistance
- Monofilament "no-run" construction does not generate loose fibers
- Excellent durability for cleaning rough, abrasive, or irregular surfaces
- Low ionic, nonvolatile residue and particle contamination
- Good absorbency
- Available in heavy or light weight styles
- Available stacked or bulk packed
- Processed and packaged in a Class 10 cleanroom.

TYPICAL APPLICATIONS

Poly-Wipes can be used to clean:

- Semiconductor Wafer Fabs
- Aerospace Production Areas
- Disk Drives Production Areas
- Pharmaceutical / Biotechnical Production Areas
- General Cleanroom Cleaning
- Clean and polish critical surfaces both metal and non-metal

COMPATIBILITY

Poly-Wipes are compatible with most common solvents such as isopropyl alcohol, methanol and ketones such as acetone or methyl ethyl ketone. These wipes are generally compatible with dilute or weak bases, as well as with most dilute or weak acids.

AVAILABILITY

6200 Series Poly-Wipes (*Standard Weight*)

6209 9" x 9" (22.9cm x 22.9cm) Polyester wipe, 125g/m², 150/Bag

6209HC 9" x 9" (22.9cm x 22.9cm) Sealed Edge Polyester wipe, 140g/m², 150/Bag

6250 Series Poly-Wipes (*Heavy Weight*)

6259 9" x 9" (22.9cm x 22.9cm) Polyester wipe, 143g/m², 150/Bag

6259HC 9" x 9" (22.9cm x 22.9cm) Sealed Edge Polyester wipe, 140g/m², 150/Bag

Poly-Wipes Test Data

Wipe Material	Polyester Knit Fabric (70 denier)			
Wipe	6200 Series	6250B Series	6250 Series	6250LE Series
Availability	9"x9" (6209)	6"x6"(6256B)	4" x 4" (6254) 9" x 9" (6259)	9" x 9"(6259LE)
Basis Weight	125 g/m ² (+/- 5 g/m ²)	143 g/m ² (+/- 5 g/m ²)	143 g/m ² (+/- 5 g/m ²)	140 g/m ² (+/- 5 g/m ²)
Particle Counts (LPC) >= 0.5 microns	11 million/m ²	17 million/m ²	12 million/m ²	9.2 million/m ²
NVR in DI water	None Detected	None Detected	0.053 g/g	None Detected
NVR in IPA	None Detected	None Detected	0.22 g/g	None Detected
FTIR : silicone, amide, phthalates	None Detected	None Detected	None Detected	None Detected
Chloride Ions	None Detected	0.001 g/g	0.007 g/g	None Detected
Flouride Ions			None Detected	None Detected
Nitrite Ions			None Detected	None Detected
Nitrate Ions			None Detected	None Detected
Phosphate Ions			None Detected	None Detected
Sulphate Ions	None Detected	0.004 g/g	0.001 g/g	0.001
Sodium Ions			0.001 g/g	0.001
Calcium Ions			0.0015 g/g	0.0012
Zinc Ions			None Detected	None Detected
Ammonium		0.021 g/g	None Detected	None Detected
Absorbency	365 ml/m ²	412 ml/m ²	412 ml/m ²	410 ml/m ²

The wipe tests were done using the recommended practices of the Institute of Environmental Science, Swabs and Wipes Working Group.

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