

**Poly-Wipes****TDS #6200****PRODUCT DESCRIPTION**

The Poly-Wipes are constructed from monofilament polyester no-run knit, providing excellent strength, great 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, including optics. For even lower particle and fiber counts specify **6209HC** or **6259HC** with heat cut 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 with cut or sealed edges

‘Processed and packaged in a Class 10 cleanroom.

**TYPICAL APPLICATIONS**

Poly-Wipes can be used to clean:

- ‘Semiconductor Wafer Fabs
- ‘Aerospace Production Areas
- ‘Optics
- ‘Medical Device Manufacturing
- ‘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, aromatics 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 (Light Weight)**

**6209** 9” x 9” (22.9cm x 22.9cm) Polyester wipe, 120 g/m<sup>2</sup>, 150/Bag

**6250 Series Poly-Wipes (Heavy Weight)**

**6254** 4” x 4” (10.2cm x 10.2cm) Polyester wipe, 150 g/m<sup>2</sup>, 600/Bag

**6259** 9” x 9” (22.9cm x 22.9cm) Polyester wipe, 150 g/m<sup>2</sup>, 150/Bag

**Heat Cut / Sealed Edge**

**6209HC** 9”x9” (22.9cm x 22.9cm) Sealed Edge Polyester wipe, 120 g/m<sup>2</sup>, 150/bag

**6259HC** 9” x 9” (22.9cm x 22.9cm) Sealed Edge Polyester wipe, 150 g/m<sup>2</sup>, 150/Bag

**RoHS/WEEE****Status**

Manufactured By:  
COVENTRY™ Clean Room Products

Division of ITW Chemtronics®  
8125 Cobb Center Drive  
Kennesaw, GA 30152 USA  
1-770-424-4888 Rev. (06/06)

## POLY-WIPES TYPICAL TEST DATA

Wipe	6200 Series	6250 Series	6200HC Series	6250HC Series
Availability	9"x9" (6209)	4" x 4" (6254) 9" x 9" (6259)	9" x 9"(6209 HC)	9" x 9"(6259 HC)
Basis Weight	120 g/m <sup>2</sup> (+/- 5 g/m <sup>2</sup> )	150 g/m <sup>2</sup> (+/- 5 g/m <sup>2</sup> )	120 g/m <sup>2</sup> (+/- 5 /m <sup>2</sup> )	>150 g/m <sup>2</sup> (+/- 5g/m <sup>2</sup> )
Particle Counts (LPC) >/= 0.5 microns	7 million/m <sup>2</sup>	6 million/m <sup>2</sup>	2.3 million/m <sup>2</sup>	2.3 million/m <sup>2</sup>
NVR in DI water	0.02 g/m <sup>2</sup>	0.03 g/m <sup>2</sup>	0.012 g/m <sup>2</sup>	0.012 g/m <sup>2</sup>
NVR in IPA	0.07 g/m <sup>2</sup>	0.09 g/m <sup>2</sup>	0.029 g/m <sup>2</sup>	0.029 g/m <sup>2</sup>
FTIR : silicone, amide, phthalates	None Detected	None Detected	None Detected	None Detected
Chloride Ions	None Detected	0.15 ppm	0.15 ppm	0.15 ppm
Sulfate Ions	NA	None Detected	<0.18 ppm	<0.18 ppm
Fluoride Ions	NA	NA	<0.18 ppm	<0.18 ppm
Nitric	NA	NA	<0.18 ppm	<0.18 ppm
Nitrate	NA	NA	<0.18 ppm	<0.18 ppm
Bromide	NA	NA	<0.18 ppm	<0.18 ppm
Phosphate ~	NA	NA	<0.18 ppm	<0.18 ppm
Potassium Ions	NA	0.15 ppm	0.15 ppm	0.15 ppm
Sodium Ions	NA	0.4 ppm	0.34 ppm	0.34 ppm
Calcium	NA	None Detected	<0.18 ppm	<0.18 ppm
Magnesium	NA	NA	<0.18 ppm	<0.18 ppm
Ammonium	NA	NA	<0.18 ppm	<0.18 ppm
Absorbency ~	365 ml/m <sup>2</sup>	420 ml/m <sup>2</sup>	400 ml/m <sup>2</sup>	485 ml/m <sup>2</sup>

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

### TECHNICAL AND APPLICATION ASSISTANCE

Coventry™ Clean Room Products provides  
A technical hotline to answer your technical  
And application related questions.  
The toll free number is: **1-800-TECH-401**.  
You may also wish to contact us by email:  
[askcoventry@chemtronics.com](mailto:askcoventry@chemtronics.com).  
Please visit our website at  
**www.chemtronics.com**

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