

# COVENTRY™ Clean Room Products

Division of Chemtronics

**TDS # 620xHC**

## Poly-Wipes (Standard Weight, Sealed Edge)

### 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 lowest particle counts specify **6209HC** 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

**6200HC Series Poly-Wipes** (*Standard Weight*)

**6209HC** 9" x 9" (22.9cm x 22.9cm) Polyester wipe, 115 to 125g/m<sup>2</sup>, 150/Bag

**6204HC** 9" x 9" (22.9cm x 22.9cm) Sealed Edge Polyester wipe, 115 to 125g/m<sup>2</sup>, 600/Bag

**6206HC** 9" x 9" (22.9cm x 22.9cm) Polyester wipe, 115 to 125g/m<sup>2</sup>, 300/Bag

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**TECHNICAL HOT LINE 1-800-TECH-401**

# Poly-Wipes Test Data

Wipe Material	Polyester Knit Fabric (70 denier)		
Wipe	6204HC	6206HC	6209HC
Availability	4"x4"	6"x6"	9" x 9"
Basis Weight	120 g/m <sup>2</sup> (+/- 5 g/m <sup>2</sup> )	120 g/m <sup>2</sup> (+/- 5 g/m <sup>2</sup> )	120 g/m <sup>2</sup> (+/- 5 g/m <sup>2</sup> )
Particle Counts (LPC) >= 0.5 microns	3.25x10e6 particles/m <sup>2</sup>	3.25x10e6 particles/m <sup>2</sup>	3.25x10e6 particles/m <sup>2</sup>
NVR in DI water	0.00002 g/g	0.00002 g/g	0.00001 g/g
NVR in IPA	0.00005 g/g	0.00003 g/g	0.00002 g/g
FTIR : silicone, amide, phthalates	None Detected	None Detected	None Detected
Chloride Ions	0.00005 mg/g	0.00005 mg/g	0.00005 mg/g
Flouride Ions	None Detected	None Detected	None Detected
Nitrite Ions	0.00007 mg/g	0.00007 mg/g	0.00007 mg/g
Nitrate Ions	0.00007 mg/g	0.00007 mg/g	0.00007 mg/g
Phosphate Ions	None Detected	None Detected	None Detected
Sulphate Ions	0.00008 mg/g	0.00008 mg/g	0.00008 mg/g
Sodium Ions	0.00002 mg/g	0.00002 mg/g	0.00002 mg/g
Calcium Ions	0.00015 mg/g	0.00015 mg/g	0.00015 mg/g
Absorbency	306 ml/m <sup>2</sup>	306 ml/m <sup>2</sup>	306 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. These are test results, not specifications.

## 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**

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