

Polx® 1200

Cleanroom 100% Polyester Knit Wiper

Polx®1200 is a knife cut unlaundered cleanroom wiper recommended for ISO Class 5 and above environments composed of 100% continuous filament polyester knit fabric.

This combination of properties provides Polx®1200 with the cleanliness, abrasion resistance and chemical compatibility required for ISO Class 5 and above environments and

applications requiring critical control of contaminants combined with good performance. Polx®1200 is meant to bridge the gap between more expensive laundered wipers and lower cost less critical nonwovens.



Other Class 5 and above knit wipers

- None available

Key Attributes

- 100% continuous filament polyester knit
- Knife cut edge
- No binders or surfactants

Benefits

- Low contamination compared to non-wovens
- High abrasion resistance
- Chemically compatible with IPA, Acetone and other solvents
- Light weight with good sorbency
- Soft hand and edge for sensitive surfaces

Environmental

- Complies with RoHS 2002/05 and REACH requirements

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Designed for applications requiring better cleanliness than a nonwoven but not the high level of cleanliness provided by a laundered knit
- Integrated circuit fabrication areas
- CD and DVD manufacturing operations
- Gross cleans in fab and suite construction
- Equipment wrap and wipe downs
- Steam autoclavable for aseptic applications
- Applying and removing cleaning and disinfecting solutions in less critical areas

Value Pack Option

The value pack option provides the same great performance in a more economical bulk packaging format.

www.berkshire.com

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|----------------|-------------------------|-------------------------|--|
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Technical Data:

| Attribute | | Units | Value | Test Method |
|-----------------------------|------------------|-----------------------------------|--------------|--|
| Basis Weight | | g/m ² | 110 | TAPPI T-410 |
| Caliper | | µm | 374 | TAPPI T-411 |
| Fibers | ≥100µm | fibers/cm ² | 21 | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2 |
| Particles | ≥0.5µm | x10 ⁹ /cm ² | 41 | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1 |
| Sorbency | Capacity | mL/m ² | 358 | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
| | Efficiency | mL/g | 3.2 | |
| | Rate | seconds | 1 | |
| Non-Volatile Residue | DI Water | g/m ² | 0.021 | IEST-RP.CC004.3, Sec 7.1.2 |
| | IPA | g/m ² | 0.020 | |
| Ions | Na ⁺ | ppm | 8.6 | IEST-RP.CC004.3, Sec 7.2.2 |
| | K ⁺ | ppm | 0.91 | |
| | Ca ⁺⁺ | ppm | 2.9 | |
| | Mg ⁺⁺ | ppm | 1.5 | |
| | Cl ⁻ | ppm | 2.5 | |

Notes:

- All values are statistical averages
- Due to differences in test methods applied and equipment utilized by different wiper manufacturers, valid product comparisons may only be obtained through side-by-side testing in the same test facility, under similar conditions
- Third party testing can be performed upon request

Order Information:

| Product | Number | Size | Shts/pk | Pks/cs | Style |
|------------------------|---------------|------------------|---------|--------|------------|
| Polx [®] 1200 | P1200.0404.18 | 4x4" (10x10cm) | 150 | 18 | Stacked |
| Polx [®] 1200 | P1200.0909.8 | 9x9" (23x23cm) | 150 | 8 | Stacked |
| Polx [®] 1200 | P1200.0909B.8 | 9x9" (23x23cm) | 150 | 8 | Value Pack |
| Polx [®] 1200 | P1200.1212.14 | 12x12" (30x30cm) | 75 | 14 | Stacked |

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: info@berkshire.com

Other Berkshire products

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