

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.



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

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

Contact: Tel 1 800 242 7000 / 1 413 528 2602
info@berkshire.com

| | | |
|---------|----------------------|----------------------------|
| America | Tel 1 413 528 2602 | info@berkshire.com |
| Europe | Tel + 44 1953 562800 | enquiries@berkshire.uk.com |
| SE Asia | Tel 65 6252 4313 | enquiries@berkshire.com.sg |
| Japan | Tel 81 3 4530 9883 | master@berkshire.co.jp |

Technical Data:

| Attribute | | Units | Value | Test Method |
|-----------------------------|------------------|-----------------------------------|--------------|---|
| Basis Weight | | g/m ² | 107 | TAPPI T-410 |
| Caliper | | µm | 388 | TAPPI T-411 |
| Fibers | ≥100µm | fibers/cm ² | 73 | IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.2 modified |
| Particles | ≥0.5µm | x10 ³ /cm ² | 39 | IEST-RP-CC004.4 Sec 7.1.3 /Sec 7.2.1 modified |
| Sorbency | Capacity | mL/m ² | 395 | IEST-RP-CC004.4 Sec 9.1 /Sec 9.2 modified |
| | Efficiency | mL/g | 3.7 | |
| | Rate | seconds | 1 | |
| Non-Volatile Residue | DI Water | g/m ² | 0.015 | IEST-RP-CC004.4 Sec 8.1.2 |
| | IPA | g/m ² | 0.016 | |
| Ions | Na ⁺ | ppm | 4.3 | IEST-RP-CC004.4 Sec 8.2.2 |
| | K ⁺ | ppm | 0.42 | |
| | Ca ⁺⁺ | ppm | 1.4 | |
| | Mg ⁺⁺ | ppm | 0.56 | |
| | Cl ⁻ | ppm | 2.2 | |

Notes:

- Technical data represented in this table are typical values at the time of publication. These should not be used as product specifications.
- 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.1 | 9x9" (23x23cm) | 1200 | 1 | Value Pack |
| Polx® 1200 | P1200.1212.14 | 12x12" (30x30cm) | 75 | 14 | Stacked |

Other Berkshire Products



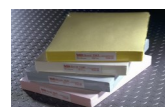
Wipers



Glove Liners



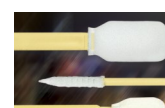
Mop Systems



Documentation Systems



Face Masks



Swabs