

Product Information ISO Class 5 — 8 Cleanroom Class 100 – 100,000

EU Grade B/C/D

Pro-Wipe[®] 750

Polypropylene / Cellulose Composite Nonwoven Cleanroom Wiper

Pro-Wipe® 750 is a thermally bonded multi-layer composite nonwoven wiper recommended for ISO Class 5 and above environments composed of a layer of cellulose bonded between two outer layers of polypropylene. This combination of properties provides Pro-Wipe® 750 with exceptional cleanliness, absorbency and chemical resistance to strong solvents.



Other Class 5 and above nonwoven wipers

- BlueSorb[®] 750
- Durx[®] 670
- Durx[®] 770
- MicroFirst[®]
- MicroFirst LP®
- ProjX[®] 700
- Pro-Wipe[®] 880
- ValuClean[®] Plus

Key Attributes

- 60% polypropylene / 40% cellulose nonwoven
- · Multi-layer composite with cellulose layer thermally bonded between the two polypropylene outer layers
- High loft and soft texture
- No binders or other chemical additives

Benefits

- Engineered for compatibility with solvents
- Extremely durable and pure with very low particle and fiber generation
- · High absorbency to weight ratio may reduce cost in use compared to similar weight nonwovens
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable

Environmental

 High absorbency to weight ratio may reduce wiper usage and landfill waste pounds compared to similar weight nonwovens

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- Excellent choice for general spill pick up and cleaning surfaces
- Designed for removal of etchants, and other chemical spills
- Excellent for cleaning scratch sensitive surfaces
- Ideal for tray lining and other lab applications
- General wiping in component prep, compounding and wash areas
- Excellent for general wiping and cleaning in biomedical environments
- EC Regulation 1935 (2004) Food contact compliant
- FDA 21 CFR Food contact compliant

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Technical Data:

| Attribute | | Units | Value | Test Method |
|----------------------|------------------|-----------------------------------|-------|--|
| Basis Weight | | g/m ² | 69.4 | TAPPI T-410 |
| Caliper | | μm | 337 | TAPPI T-411 |
| Fibers | ≥100µm | fibers/cm ² | 3.6 | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2 |
| Particles | <u>≥</u> 0.5µm | x10 ³ /cm ² | 8.5 | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1 |
| Sorbency | Capacity | mL/m² | 471 | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
| | Efficiency | mL/g | 6.8 | |
| | Rate | seconds | 1 | |
| Non-Volatile Residue | DI Water | g/m² | 0.094 | IEST-RP.CC004.3, Sec 7.1.2 |
| | IPA | g/m ² | 0.046 | |
| Ions | Na ⁺ | ppm | 79 | IEST-RP.CC004.3, Sec 7.2.2 |
| | K+ | ppm | 15 | |
| | Ca++ | ppm | 1.1 | |
| | Mg ⁺⁺ | ppm | 0.25 | |
| | CI- | ppm | 48 | |

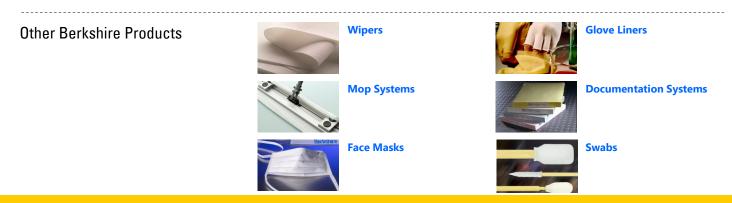
Notes:

• 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 |
|---------------------------|---------------|------------------|---------|--------|---------|
| Pro-Wipe [®] 750 | PW750.0909.20 | 9x9" (23x23cm) | 150 | 20 | Stacked |
| Pro-Wipe [®] 750 | PW750.1212.20 | 12x12" (30x30cm) | 75 | 20 | Stacked |



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