

Durx® 670

55% Cellulose / 45% Polyester Nonwoven Cleanroom Wiper

Durx® 670 is a cellulose/polyester nonwoven wiper recommended for ISO Class 5 and above environments composed of a hydroentangled nonwoven blend of 55% cellulose and 45% polyester. This combination of properties provides Durx® 670 with the absorbency level, abrasion resistance, and chemical compatibility required for controlled environments and applications where both cleanliness and economy are of the most importance.



Key Attributes

- 55% cellulose / 45% polyester hydroentangled nonwoven blend
- No binders or other chemical additives

Benefits

- Excellent combination of the synthetic polyester strength and cleanliness with the absorbent characteristics of cellulose
- Smooth, highly absorbent and durable
- Low extractable levels and particle counts
- Chemically compatible with common cleaning and disinfecting solutions
- Autoclavable
- Economical

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments and USP <797> applications
- General equipment wrap and wipe downs
- General purpose wiping applications
- Cleaning of lab equipment
- General wiping in component prep, compounding and wash areas
- Applying and removing cleaning and disinfecting solutions
- EC Regulation 1935 (2004) - Food contact compliant
- FDA 21 CFR - Food contact compliant
- Meets AMS 3819D requirements, Class 2, Grade A, Form 1
- Meets BMS 15-5 requirements

Environmental

- Meets RoHS requirements

Other ISO Class 5 and above nonwoven wipers

- BlueSorb® 750
- Durx® 570
- Durx® 770
- MicroFirst®
- MicroFirst LP®
- ProjX® 700
- Pro-Wipe® 750
- Pro-Wipe® 880
- ValuClean® Plus

Pre-Wetted Option

The same wiper material can be provided in pre-wetted formats for reduced VOC emissions, increased convenience, increased productivity, improved solvent control and cleaning protocol repeatability and reduced costs.

Sterile Validated Option

For aseptic processing areas, the same wiper material can be provided in a gamma irradiated validated sterile to a 10⁻⁶ sterility assurance level. Dry and pre-wetted versions available.

www.berkshire.com

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

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| 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 | 68.0 | TAPPI T-410 |
| Caliper | | µm | 264 | TAPPI T-411 |
| Fibers | ≥100µm | fibers/cm ² | 160 | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified |
| Particles | ≥0.5µm | x10 ³ /cm ² | 10 | IEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified |
| Sorbency | Capacity | mL/m ² | 320 | IEST-RP-CC004.4 Sec 9.1 / Sec 9.2 modified |
| | Efficiency | mL/g | 4.7 | |
| | Rate | seconds | 2 | |
| Non-Volatile Residue | DI Water | g/m ² | 0.028 | IEST-RP-CC004.4 Sec 8.1.2 |
| | IPA | g/m ² | 0.0038 | |
| Ions | Na ⁺ | ppm | 62 | IEST-RP-CC004.4 Sec 8.2.2 |
| | K ⁺ | ppm | 5.9 | |
| | Ca ⁺⁺ | ppm | 22 | |
| | Mg ⁺⁺ | ppm | 5.0 | |
| | Cl ⁻ | ppm | 31 | |

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 |
|-----------|---------------|------------------|---------|--------|---------|
| Durx® 670 | DR670.0404.10 | 4x4" (10x10cm) | 1200 | 10 | Stacked |
| Durx® 670 | DR670.0404.40 | 4x4" (10x10cm) | 300 | 40 | Stacked |
| Durx® 670 | DR670.0707.12 | 7x7" (18x18cm) | 300 | 12 | Stacked |
| Durx® 670 | DR670.0707.45 | 7x7" (18x18cm) | 300 | 45 | Stacked |
| Durx® 670 | DR670.0708.36 | 7x8" (18x20cm) | 300 | 36 | Stacked |
| Durx® 670 | DR670090910 | 9x9" (23x23cm) | 300 | 10 | Stacked |
| Durx® 670 | DR670.0909.20 | 9x9" (23x23cm) | 300 | 20 | Stacked |
| Durx® 670 | DR670.1212.20 | 12x12" (30x30cm) | 150 | 20 | Stacked |
| Durx® 670 | DR670.1818.10 | 18x18" (46x46cm) | 150 | 10 | Stacked |

Other Berkshire Products



Wipers



Glove Liners



Mop Systems



Documentation Systems



Face Masks



Swabs