

## 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 level of absorbency, 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
- 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 3819C requirements, Class 2, Grade A, Form 1
- Meets BMS 15-5 requirements

#### Environmental

- Complies with RoHS

#### Other ISO Class 5 and above nonwoven wipers

- BlueSorb® 750
- 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<sup>-6</sup> sterility assurance level. Dry and pre-wetted versions available.

**www.berkshire.eu.com**

Contact: Tel 44 (0) 870 757 2877  
enquiries@berkshire.uk.com

|         |                         |                         |                            |
|---------|-------------------------|-------------------------|----------------------------|
| America | Tel 1 413 528 2602      | Fax 1 413 528 2614      | info@berkshire.com         |
| Europe  | Tel 44 (0) 870 757 2877 | Fax 44 (0) 870 757 2878 | enquiries@berkshire.uk.com |
| SE Asia | Tel 65 6252 4313        | Fax 65 6252 4312        | enquiries@berkshire.com.sg |
| Japan   | Tel 81 3 5827 2380      | Fax 81 3 5827 2382      | master@berkshire.co.jp     |

## Technical Data:

| Attribute            |                  | Units                             | Value         | Test Method                                          |
|----------------------|------------------|-----------------------------------|---------------|------------------------------------------------------|
| Basis Weight         |                  | g/m <sup>2</sup>                  | <b>68.0</b>   | TAPPI T-410                                          |
| Caliper              |                  | µm                                | <b>264</b>    | TAPPI T-411                                          |
| Fibers               | ≥100µm           | fibers/cm <sup>2</sup>            | <b>160</b>    | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2               |
| Particles            | ≥0.5µm           | x10 <sup>3</sup> /cm <sup>2</sup> | <b>10</b>     | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1               |
| Sorbency             | Capacity         | mL/m <sup>2</sup>                 | <b>320</b>    | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
|                      | Efficiency       | mL/g                              | <b>4.7</b>    |                                                      |
|                      | Rate             | seconds                           | <b>2</b>      |                                                      |
| Non-Volatile Residue | DI Water         | g/m <sup>2</sup>                  | <b>0.028</b>  | IEST-RP.CC004.3, Sec 7.1.2                           |
|                      | IPA              | g/m <sup>2</sup>                  | <b>0.0038</b> |                                                      |
| Ions                 | Na <sup>+</sup>  | ppm                               | <b>62</b>     | IEST-RP.CC004.3, Sec 7.2.2                           |
|                      | K <sup>+</sup>   | ppm                               | <b>5.9</b>    |                                                      |
|                      | Ca <sup>++</sup> | ppm                               | <b>22</b>     |                                                      |
|                      | Mg <sup>++</sup> | ppm                               | <b>5.0</b>    |                                                      |
|                      | Cl <sup>-</sup>  | ppm                               | <b>31</b>     |                                                      |

## 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

## Order Information:

| Product   | Number      | Size             | Shts/pk | Pks/cs | Style   |
|-----------|-------------|------------------|---------|--------|---------|
| Durx® 670 | DR670040410 | 4x4" (10x10cm)   | 1200    | 10     | Stacked |
| Durx® 670 | DR670040440 | 4x4" (10x10cm)   | 300     | 40     | Stacked |
| Durx® 670 | DR670070712 | 7x7" (18x18cm)   | 300     | 12     | Stacked |
| Durx® 670 | DR670090910 | 9x9" (23x23cm)   | 300     | 20     | Stacked |
| Durx® 670 | DR670090920 | 9x9" (23x23cm)   | 300     | 20     | Stacked |
| Durx® 670 | DR670121220 | 12x12" (30x30cm) | 150     | 20     | Stacked |
| Durx® 670 | DR670181810 | 18x18" (45x45cm) | 150     | 10     | Stacked |

## Other Berkshire Products



Wipers



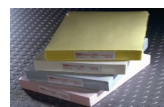
Mop Systems



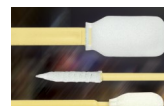
Face Masks



Glove Liners



Documentation Systems



Swabs