

Durx® 670 Roll

55% Cellulose / 45% Polyester Nonwoven Cleanroom Rolls

Durx® 670 is a cellulose/polyester nonwoven roll 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
- 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
- Meets AMS 3819D requirements, Class2, 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 10⁻⁶ sterility assurance level. Dry and pre-wetted versions available.

Technical Data:

| Attribute | | Units | Value | Test Method |
|----------------------|------------------|-----------------------------------|---------------|--|
| Basis Weight | | g/m ² | 68.0 | TAPPI T-410 |
| Caliper | | µm | 264 | TAPPI T-411 |
| Fibres | ≥100µm | fibres/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 utilised 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 Roll | DR6703438R | 13x15" (34x 38cm) | 500 | 1 (Plastic Core) | Perforated Roll |

Other Berkshire Products



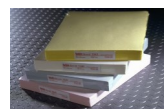
Wipers



Glove Liners



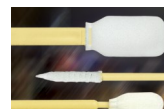
Mop Systems



Documentation Systems



Face Masks



Swabs