

Durx[®] 570

55% Cellulose / 45% Polyester Nonwoven Cleanroom Wiper

Durx[®] 570 is a light weight 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[®] 570 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
- Light weight, absorbent wipe

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

Environmental

- Complies with RoHS 2002/05 and REACH requirements
- 55% cellulose fiber content is biodegradable

Other ISO Class 5 and above nonwoven wipers

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

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

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

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info@berkshire.com

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|----------------|-------------------------|-------------------------|--|
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| 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 ² | 57.3 | TAPPI T-410 |
| Caliper | | µm | 224 | TAPPI T-411 |
| Fibers | ≥100µm | fibers/cm ² | 200 | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.2 |
| Particles | ≥0.5µm | x10 ⁹ /cm ² | 13 | IEST-RP.CC004.3, Sec 6.1.3 / Sec 6.2.1 |
| Sorbency | Capacity | mL/m ² | 275 | IEST-RP.CC004.3, Sec 8.1 modified / Sec 8.2 modified |
| | Efficiency | mL/g | 4.8 | |
| | Rate | seconds | 2 | |
| Non-Volatile Residue | DI Water | g/m ² | 0.018 | IEST-RP.CC004.3, Sec 7.1.2 |
| | IPA | g/m ² | 0.0019 | |
| Ions | Na ⁺ | ppm | 50 | IEST-RP.CC004.3, Sec 7.2.2 |
| | K ⁺ | ppm | 1.6 | |
| | Ca ⁺⁺ | ppm | 0.74 | |
| | Mg ⁺⁺ | ppm | 0.24 | |
| | Cl ⁻ | ppm | 21 | |

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 [®] 570 | DR570.0909.10 | 9x9" (23x23cm) | 300 | 10 | Stacked |
| Durx [®] 570 | DR570.0909.20 | 9x9" (23x23cm) | 300 | 20 | Stacked |
| Durx [®] 570 | DR570.1212.10 | 12x12" (30x30cm) | 150 | 10 | Stacked |
| Durx [®] 570 | DR570.1212.20 | 12x12" (30x30cm) | 150 | 20 | Stacked |

For more information on our other contamination control products or technical consultation, please contact your Berkshire Sales Representative or e-mail: info@berkshire.com

Other Berkshire products

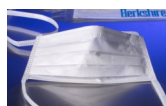
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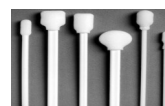
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