

Durx[®] 670 AS (Aerospace)

55% Cellulose / 45% Polyester Nonwoven Cleanroom Wiper

Durx[®] 670 AS for Aerospace (AS) is a hydroentangled nonwoven blend of 55% cellulose and 45% polyester with no binders or other chemical additives and meets the AMS 3819D, Class 2, Grade A, Form 1 requirements. This combination of properties provides Durx[®] 670 AS with the absorbency level, abrasion resistance, and chemical compatibility required for controlled environments and applications where both cleanliness and economy are critical. Durx[®] 670 AS offers application versatility to meet the specific challenges faced in aerospace processes and applications.



Key Attributes

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

Benefits

- Meets AMS 3819D requirements, Class 2, Grade A, Form 1
- Meets BMS 15-5 requirements
- 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 solutions
- Economical

Applications

- Designed for use in ISO Class 5 and higher cleanroom environments
- General equipment wrap and wipe downs
- General purpose wiping applications
- Ideal for use on flyaway components
- Paint preparation
- Wiping and cleaning of sensitive optics, such as sensors and glass
- Microelectronics and ESD
- General maintenance cleaning, such as oil and adhesive

Other AS (Aerospace) products

- SatPax[®] 670 AS
- Microseal SuperSorb[®] AS

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.

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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 | fibers/cm ² | 160 | TEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.2 modified |
| Particles | ≥0.5µm | x10 ³ /cm ² | 10 | TEST-RP-CC004.4 Sec 7.1.3/Sec 7.2.1 modified |
| Sorbency | Capacity | mL/m ² | 320 | TEST-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 | TEST-RP-CC004.4 Sec 8.1.2 |
| | IPA | g/m ² | 0.0038 | |
| Ions | Na ⁺ | ppm | 62 | TEST-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 AS | DR670090920AS | 9x9" (23x23cm) | 300 | 20 | Stacked |
| Durx® 670 AS | DR670121220AS | 12x12" (30x30cm) | 150 | 20 | Stacked |

Other Berkshire Products



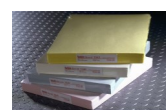
Wipers



Glove Liners



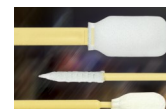
Mop Systems



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Swabs

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