



FabricAir®
Combi Eco 70 

FabricAir® Combi Eco 70 is a permeable, flame-retardant, Oeko-Tex 100 certified fabric made from dope dyed yarn. It is a strong and durable fabric; machine washable and retains its dimensions after washing (max. 0,5% shrinkage). The permeability is uniform (max. 5% variation) and achieved by thermo-fixation. The color is deeply embedded within the yarn, making it more resistant to fading, washing and UV exposure. The production of this fabric is more sustainable, because chemical consumption and oxygen demand, water and energy consumptions are lower.

This fabric is rated for cleanrooms and associated controlled environments: Cleanliness Class 3 (ISO 14644-1 Table 1).

It comes with a 10-year warranty and is supplied in 5 standard colors, with the option of printed custom colors and custom patterns.

| FEATURES AVAILABLE | |
|--------------------------|-----|
| Washable | Yes |
| Warranty, years | 10 |
| Extended warranty option | Yes |
| Permeable | Yes |
| Flame retardant | Yes |

| STANDARD COLORS AVAILABLE | |
|---------------------------|--|
| 3000 White |  |
| 3001 Blue |  |
| 3003 Dark Gray |  |
| 3004 Black |  |
| 3006 Light Gray |  |

| COLORS AND PATTERNS AVAILABLE | |
|-----------------------------------|---|
| Coloring by surface print |  |
| Seamless pattern by surface print |  |
| Artwork, print | Yes |
| Logos, print | Yes |
| Lettering, print | Yes |

DATA: FabricAir® Combi Eco 70

PROPERTIES

| | | |
|-------------------------------|--|-------------------|
| Fabric type: | Polyester | Dope dyed yarns |
| Weight: | 275 (±7%) g/m ² | EN ISO 12127:1997 |
| Thickness: | 0,45 mm | EN ISO 5084:1996 |
| Permeability: | 40 (±5%) m ³ /m ² /h at 120 Pa | EN ISO 9237:1995 |
| Strength - Warp: | 2700 N | EN ISO 13934-1 |
| Strength - Weft: | 800 N | EN ISO 13934-1 |
| Shrinkage: | 0,5% Max. | EN ISO 5077 |
| Heat resistance - continuous: | from -40°C to +140°C | |
| Heat resistance - softening: | +240°C | |

CODE COMPLIANCE

| | | |
|--|---------|----------------|
| Reaction to fire (European Union): | B-s1,d0 | EN 13501-1 |
| Reaction to fire (Denmark): | Yes | DS 428 |
| Reaction to fire (France): | M1 | NFP 92:507 |
| Reaction to fire (USA): | Yes | UL 723 |
| Reaction to fire (Canada): | Yes | ULC s102.2 |
| Cleanrooms and associated controlled environments: | Class 3 | EN ISO 14644-1 |

PERFORMANCE CERTIFICATES

| | | |
|--------------------------------|-----|---------|
| Safety Air Dispersion Systems: | Yes | UL 2518 |
|--------------------------------|-----|---------|

ADDITIONAL APPROVALS

| | | |
|------------|-----|------------------------|
| OEKO-TEX®: | Yes | OEKO-TEX® Standard 100 |
|------------|-----|------------------------|

OPTIONAL FABRICAIR INNOVATIONS

| | |
|-------------|-----|
| All-in-One: | Yes |
| 360° hoops: | Yes |

Disclaimer

FabricAir® believes that all data, statements, technical information, etc., listed in this Technical Data Sheet regarding the product and the use of the product are accurate and reliable. However, the product will only be covered by FabricAir®'s guarantees or warranty if the final use for the product has been approved by FabricAir® in writing. No representative is authorized to approve the final use of the product on behalf of FabricAir®.