

FABRICAIR LITE 5

FabricAir Lite

FabricAir® Lite is available as non-permeable fabric. The fabric is strong and durable – anti-microbial and anti-static features are optional.

FabricAir® Lite is machine washable and retains its dimensions after washing (max. 0.5% shrinkage). The fabric is available in several standard colors.

FabricAir® Lite is a lightweight non-permeable Oeko-Tex 100 certified fabric series that offers anti-microbial and anti-static options, making these fabric variants ideally suited in areas of strict hygiene. Due to the nature of the fabric, FabFlow™ and long directional throw models using nozzles or jets are not an option.

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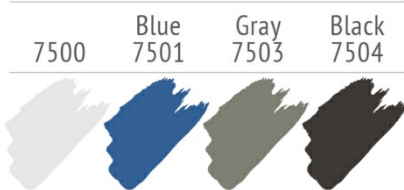
The fabric is available in standard colors.

All FabricAir® Lite variants come with a 3-year warranty.

FEATURES

- ✓ Non-permeable
- ✓ Flame retardant fabric

STANDARD COLORS



DYE COLOR

SURFACE PRINT

GRAPHIC PRINT

Dye	Coloring	Seamless Patterns	Artwork	Logos	Lettering
-	-	-	-	-	-

FabricAir® Lite 5 comes with a 3-year warranty.

PROFILES



ROUND

FabricAir round duct is the most commonly used duct profile and is typically



D-SHAPED / HALF-ROUND



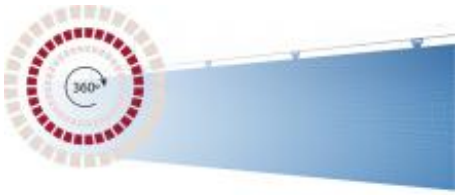
CIRCLE SECTION

The Circle Section duct can be used when there is a hard ceiling to attach to. Typically this profile is



RECTANGULAR

FLOW MODELS



MICROFLOW™

With MicroFlow™ the air exits the duct via laser cut micro-perforations along the circumference of the



PERFOFLOW™

With PerfoFlow™ the air exits the duct via laser cut perforations along the circumference of the duct.



SONICFLOW™

SonicFlow™ is a directional flow model where the air exits the duct via rows of laser cut



ORIFLOW™

OriFlow™ is a directional flow model where the air exits the duct via rows of laser cut orifices. Multiple

DATA SHEET

CONSTRUCTION

Fabric type:	Polyester		
Weight	70 g/m ²		
	2.06 oz/yd ²		<u>EN ISO 12127:1997 (ASTM D3776-96)</u>
Thickness:	0.09 [0.0035] mm [inch]		
			<u>EN ISO 5084:1996 (ASTM D1777-96)</u>
Permeability:	0 (±5%) m ³ /m ² /h at 120 Pa		
	0 (±5%) [CFM/ft ² at 0.5" Static]		
			<u>EN ISO 9237:1995 (ASTM D737, Frazier)</u>

PROPERTIES

Strength - Warp:	570 N	<u>EN ISO 13934-1</u>
Strength - Weft:	360 N	<u>EN ISO 13934-1</u>
Shrinkage:	0.5 % Max. °C [°F]	<u>EN ISO 5077</u>
Heat resistance - continuous:	100 [212] °C [°F]	
Heat resistance - softening:	150 [302] °C [°F]	

TREATMENT/COATINGS

CODE COMPLIANCE

EN 13501-1:	B-s1,d0	<u>EN 13501-1</u>
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PERFORMANCE CERTIFICATES

ADDITIONAL APPROVALS

OEKO-TEX®:	Yes	<u>OEKO-TEX® Standard 100</u>
All-in-One available:	<u>No</u>	

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®.

VARIATIONS OF THE FABRIC

Lite

	Permeable	Flame Retardancy	Antistatic	Anti-microbial	Warranty
<u>Lite 5</u>		<u>Flame Retardant</u>			<u>3</u>
<u>Lite 10</u>		<u>Flame Retardant</u>			<u>3</u>
<u>Lite 15</u>		<u>Flame Retardant</u>		✓	<u>3</u>
<u>Lite 20</u>		<u>Flame Retardant</u>	✓	✓	<u>3</u>

[[Compare selection](#)]

CERTIFICATE COMPARISON

COMPARE CERTIFICATES FOR FABRICAIR LITE

	<u>Lite 5</u>	<u>Lite 10</u>	<u>Lite 15</u>	<u>Lite 20</u>
EN 13501-1	B-s1,d0	B-s1,d0	B-s1,d0	B-s1,d0
GB 8624		B-s1,d0, t1	B-s1,d0, t1	B-s1,d0, t1
Oeko-Tex Standard 100	Yes	Yes	Yes	Yes

RELATED ARTICLES



SHRINKAGE IS LESS THAN 0.5%

Duct shrinkage can be a serious problem if uncorrected. Suppose you take down a duct to wash it and afterwards it is two feet shorter and two inches smaller in diameter.



LAUNDERING

The ability to launder FabricAir ducts is one of the many unique advantages of selecting fabric over metal ducting.
