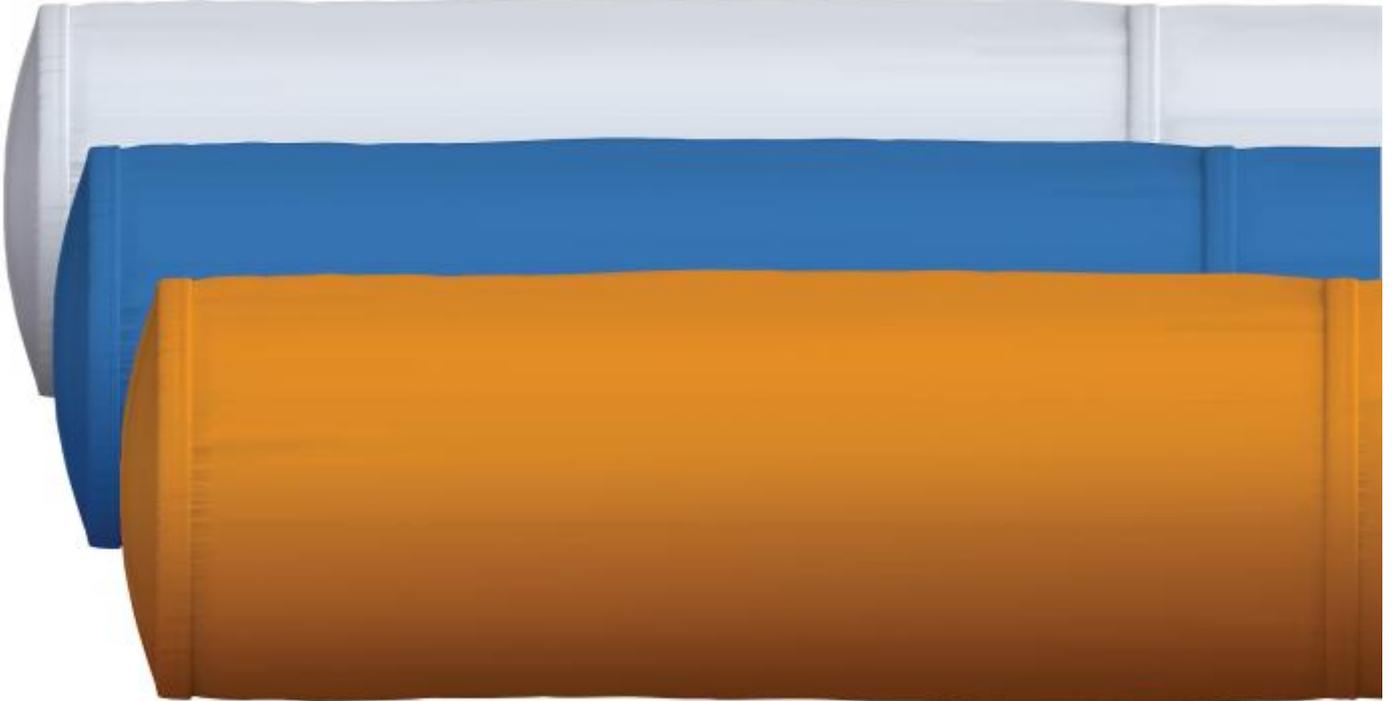


## FabricAir Trevira CS 150



FabricAir® Trevira is a permeable fabric woven with permanently flame-retardant fibers and yarns. It is especially suitable in places where there is a risk of bacteria growth or condensation, such as the food industry or indoor pools.

FabricAir® Trevira is supplied with a 5- or 10-year warranty and all variants are Oeko-Tex 100 certified.

All suspension types are available, including All-in-One, which always keeps the duct stretched out even when the air is removed from the system.

FabricAir® Trevira is machine washable and retains its dimensions after washing (max. 0.5% shrinkage). The permeability is uniform (max. 5% variation).

The fabric is supplied in standard colors, with the option of custom dye, surface prints and other custom prints.

FabricAir® Trevira CS 150 is supplied with a unique anti-microbial treatment, which is especially suitable for areas with strict hygiene requirements. It comes with a 10 year warranty.

### Features

- ✓ Anti-microbial
- ✓ Permeable
- ✓ La alternativa higiénica al metal
- ✓ Inherently flame retardant fibers
- ✓ Certificate, Oeko-Tex standard 100
- ✓ Puntos LEED
- ✓ All-in-One para conseguir un mejor aspecto de los conductos

## Color selection

Fabric Color	Duct	Hooks	Nozzles	Sliders	TPX code
White 1000					
Blue 1001					18-4148
Orange 1002					15-1058
Gray 1003					17-0000
Black 1004					19-4007
Red 1005					18-1763

### CUSTOM COLORS

### CUSTOM PRINTS

DYED IN

SURFACE PRINT

GRAPHICS

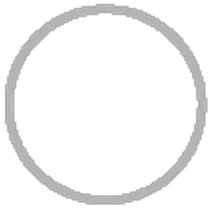
LOGOS

LETTERING



## Profiles

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Round



Half-round



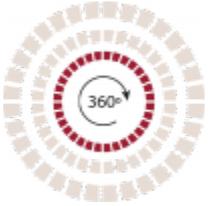
Semi-oval



Rectangular

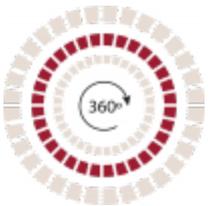
## Flow models

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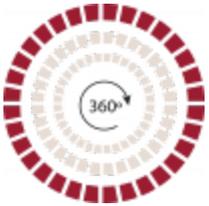
### FabFlow™

In FabFlow™ the air exits the duct through the permeable fabric surface. The air is driven by thermodynamic forces preventing drafts in the occupied zone, which results in a high level of comfort.



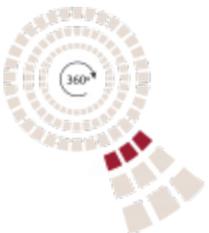
### MicroFlow™

With MicroFlow™ the air exits the duct via laser cut micro-perforations along the circumference of the duct. The micro-perforations can cover between 90° and 360° of the duct's circumference.



### PerfoFlow™

With PerfoFlow™ the air exits the duct via laser cut perforations along the circumference of the duct. The perforations can cover between 90° and 360° of the duct's circumference.



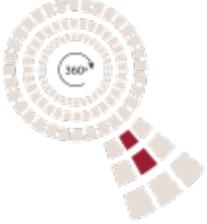
### SonicFlow™

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



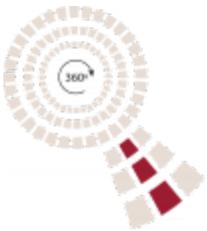
### OriFlow™

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



### NozzFlow™

NozzFlow™ is used in applications where very precise directional airflow is needed. The discharge coefficient is almost at unity due to the shape of the nozzle.



### JetFlow™

JetFlow™ is capable of generating exceptionally long throws through the use of conical jets in varying diameters. The jets have a very high discharge coefficient due to the conical shape.

## **Download certificates**

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[Fire certificates EN-13501-1:2009 - Trevira CS150](#)

## Data sheet

### Construction

Fabric type:	Polyester/Trevira CS	
Weight:	245 g/m <sup>2</sup>	
	7.25 oz/yd <sup>2</sup>	EN ISO 12127:1997 (ASTM D3776-96)
Thickness:	0,34 [0.13] mm [inch]	EN ISO 5084:1996 (ASTM D1777-96)
Permeability:	40/200/320/650/1200 (±5%) m <sup>3</sup> /m <sup>2</sup> /h at 120 Pa	
	2/10/16/33/60 (±5%) [CFM/ft <sup>2</sup> at 0.5" Static]	EN ISO 9237:1995 (ASTM D737, Frazier)

### Properties

Strength - Warp:	1350 N	EN ISO 13934-1
Strength - Weft:	1550 N	EN ISO 13934-1
Shrinkage:	0,5 % Max. °C [°F]	EN ISO 5077
Heat resistance - continuous:	80 [176] °C [°F]	
Heat resistance - softening:	120 [248] °C [°F]	

### Treatment/Coatings

#### Code Compliance

EN 13501-1:	B-s1, d0	EN 13501-1
GB 8624:		
GOST:		
UL 723:	Yes	UL 723
ULC S102.2:	Yes	
Fire retardant:		

#### Performance certificates

UL 2518:	Yes	UL 2518
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#### Additional Approvals

OEKO-TEX®:	Goedgekeurd	OEKO-TEX® Standard 100
All-in-One available:	<u>Yes</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®.