

FabricAir® Trevira

- **PERMEABLE FABRIC**
- **CONDENSATION FREE AND BEST CHOISE FOR COOLING**
- **HYGENIC AND WASHABLE**
- **ANTIMICROBIAL OPTIONS**
- **FULL FEATURED FABFLOW OPTIONS**
- **OEKO-TEX CERTIFIED**
- **PERMANENTLY FLAME RETARDANT WITHIN THE FIBRE ITSELF**
- **10 YEAR WARRANTY**
- **6 STANDARD COLOURS**
- **SPECIAL COLOURS ARE OPTIONAL**
- **STABLE FLOW, LOW VARIATION**

FabricAir® Trevira



About FabricAir® Trevira

FabricAir® Trevira is a permeable fabric. It is suitable in places where there is a risk of bacteria growth or condensation, such as the food industry or indoor pools.

FabricAir® Trevira comes with a 10-year warranty and all variants are Oeko-Tex certified. All suspension types are available, including All-in-One. This method of installation keeps the duct open and stretched out at all times, even when the air flow is switched off.

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 available in six standard colours and can be dyed in special colours. FabricAir® Trevira CS 150 comes with a specially developed anti-microbial treatment, which is especially suited for areas with strict hygiene requirements.

ALL-IN-ONE

Optionally, FabricAir® Trevira can be supplied with All-in-One support hoops which keep the duct open permanently.



Certificates

Trevira Basic
Trevira CS 100
Trevira CS 150

UL 723 NFPA 90A				
DIN 4102				
NF P 92-503				
NF P 92-504				
C.S.E., RF 1/75A				
C.S.E., RF 3/77				
SIS 650082				
✓ B2	✓ M3			
✓ B1	✓ M1	CLASS 1	✓	
✓ B1	✓ M1	CLASS 1	✓	

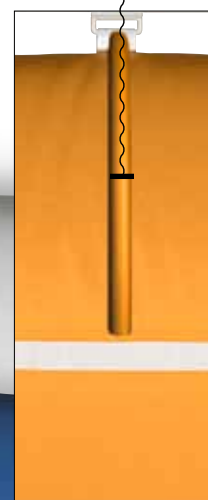
FABRICAIR® TREVIRA BASIC



FABRICAIR® TREVIRA CS 100



























FABRICAIR® TREVIRA CS 150




Standard Fabric Colours

The colours shown are intended as a guide only. A sample of the exact colour may be obtained at FabricAir®.


White	Blue	Orange	Grey	Black	Red	
1000	1001	1002	1003	1004	1005	FabricAir® NO.
-	18-4148	15-1058	17-0000	19-4007	18-1763	Pantone TP*
						Nozzles
						Sliders
						Hooks
						Mesh

Standard

Round




Half round




Extra


Quarter round



Circle section



Rectangular



Standard Colours for Accessories

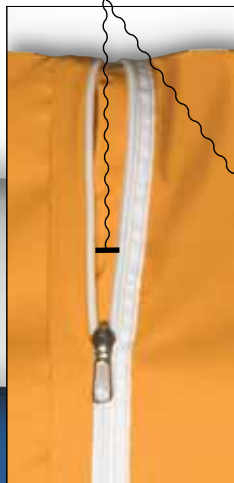
The colours of the accessories are matched with the fabric colours as shown. Alternative requests must be stated separately.

Duct Profile

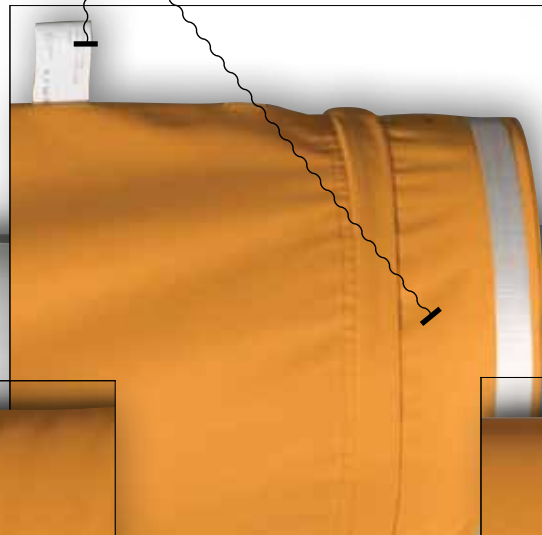
* Note: The Pantone TP code roughly corresponding to FabricAir®'s colours is indicated here. Differences in colours must be expected and FabricAir® cannot be held responsible for such differences.

ZIP FASTENER

The sections are assembled with heavy-duty industrial zip fasteners, discreetly hidden under an extra seam.

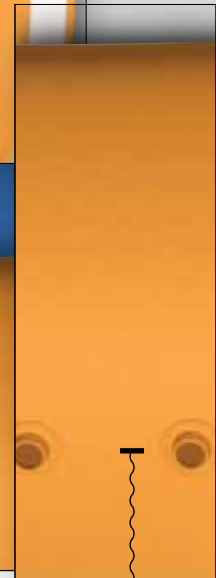
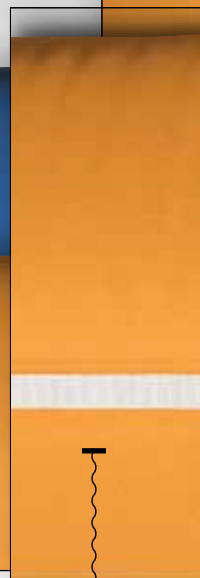
**TAG NUMBER**

Each duct section is labelled with a tag number, which indicates the order of assembly. Furthermore, it contains an ID number, which makes the tracking easier.



SAFE MOUNTING

Fabric ducts connected to sheet metal systems are secured using a pinch-down duct belt.

**FabFlow™**

The air is distributed through the entire surface of the fabric.

**MeshFlow™**

The air is distributed through a lengthwise mesh.



NozzFlow™

The air is distributed through nozzles that accurately control the direction.

DESCRIPTION**TREVIRA BASIC****TREVIRA CS 100****TREVIRA CS 150**

Specially woven polyester fabric based on permanently flame retardant fibres, designed for use in FabricAir® Dispersion Systems.

Flow models available:

FabFlow™
MeshFlow™
NozzFlow™

FabFlow™
MeshFlow™
NozzFlow™

FabFlow™
MeshFlow™
NozzFlow™

CONSTRUCTION

Weight	g/m ²	245	245	245	EN ISO 12127:1997
	oz/yd ²	7.25	7.25	7.25	ASTM D3776-96
Thickness	mm	0,34	0,34	0,34	EN ISO 5084:1996
	Inch	0.13	0.13	0.13	ASTM D1777-96
Permeability	m ³ /m ² /h at 120 Pa	40/200/320/650/1200	40/200/320/650/1200	40/200/320/650/1200	EN ISO 9237:1995
	CFM/ft ² at 0.5" Static	2/10/16/33/60	2/10/16/33/60	2/10/16/33/60	ASTM D737, Frazier

PROPERTIES

Strength - Warp	N/5cm	1350	1350	1350	EN ISO 13934-1
Strength - Weft		1550	1550	1550	
Shrinkage	% at 40 °C	0,5	0,5	0,5	EN ISO 5077
	% at 104 °F				

TREATMENTS

Antimicrobial

CODE COMPLIANCE

DIN 4102	[A2, B1, B2]	B2	B1	B1
NF P 92-503 - NF P 92-504	[M0, M1, M3]	M3	M1	M1
UL 723/NFPA 90 A	[Yes/No]	Yes	Yes	Yes
C.S.E, RF 1/75A - 3/77	[CLASS 1, CLASS 2]	-	CLASS 1	CLASS 1
SIS 650082	[Yes/No]	No	Yes	Yes

ADDITIONAL APPROVALS

Oeko-Tex Standard 100	Approved	Approved	Approved
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WARRANTY

Years

5

10

10

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®.

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**FabricAir**

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Certificate of
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File number:

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