

Live.

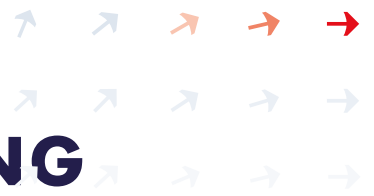
Air.

Flow.



**Designer and manufacturer
of textile architectures for air
ducting and diffusion.**





WHY CHOOSE TEXTILE DUCTING RATHER THAN TRADITIONNAL SHEET-METAL DUCTING?



Modular product

- Made-to-measure solutions
- Appropriate for all premises and applications
- Customizable and stylish (unlimited colors, digital printing, sublimation)



Control air induction

- Made-to-measure linear diffusion
- Low residual speed in the occupied area



Optimum network hygiene

- Machine-washable textiles
- Anti-bacterial technical textiles
- Microbiological control



Simplified assembly and maintenance

- Lightweight ducts
- Quick assembly and dismantling
- Reduced network balancing time (no dampers)



Indoor air comfort and quality

- Even temperatures and diffusion
- Low accoustic level

Savings in all respects.

30% savings on installation work

- Lightweight and compact
- Reduced handling requirements
- Simplified attachment system
- Reduced balancing time

Between 10 and 20% in energy savings

- Quick start-up time in premises
- High-performance diffusion
- Reduced machine operating time
- Minimal load loss
- Low ΔT° for air mix

Between 20 and 40% savings on transport costs

With a weight of 80 to 500g /m² (compared with 4 to 11 kg for traditional sheet-metal ducting), our ducts are easier to transport, shipping charges are reduced.



AIRNÉO

by Aéro Textile Concept

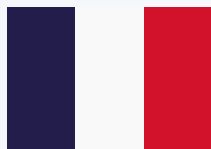
Airnéo range of technical fabrics allows to meet the requirements of each type of application while respecting the regulations in force.

Range Airnéo	Fabrics	Specificities	Activity sectors						
			Food Processing	Industry	Public Buildings	Logistics	Clean rooms Laboratories	Tertiary Activities	Special Events Temporary Structures
Reference	Polyester range from 100 to 130 g/m ²	<ul style="list-style-type: none"> Antibacterial Antistatic (ATEX requirements) 	●	●			●	●	●
First	Polyester range from 95 to 220 g/m ²	<ul style="list-style-type: none"> Low porosity Long lengths 	●	●		●	●	●	●
Gold	Coated glass fabric 450 g/m ²	<ul style="list-style-type: none"> Non-combustible 		●	●	●			●
Classic	PVC coated fabric 420 g/m ²	<ul style="list-style-type: none"> Resistant to water Resistant to chlorinated atmospheres 		●		●			
Isotex	Polyester / Tissue / Aluminium foil 480 g/m ²	<ul style="list-style-type: none"> Low thermal loss Limited condensation 	●	●		●			
Cristal / Diamond	Transparent PVC and translucent PVC 250 g/m ² and 200 g/m ²	<ul style="list-style-type: none"> Translucent Allowing UV passage Suitable for greenhouses 	●	●			●		●

Certifications



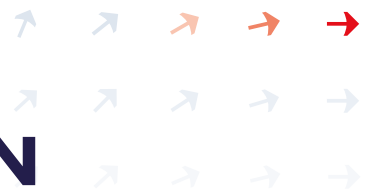
B-S1-DO



M0 - M1

Options

- Sublimation
- Logos
- Customized labels
- Curve (with its hooped structure, this duct can keep its circular aspect even at rest)
- Ferrite snap hooks (x-ray detectable)



DIFFERENT TYPE OF DIFFUSION

Hermetic - Non-diffusing

Transport or collect air thanks to a hermetic duct



Benefits

- Sounds aer damped
- Minimum structure are required
- Pre-balanced networks (no registers)
- Ducts can be insulated
- Lightweight

Radiant - Air travel

Low speed air dispersion through a porous fabric surface.



Benefits

- Low diffusion velocity (from 0,2 to 1 m/s)
- Confort (people, process, products)
- Adapted to high air circulation rates (laboratories, ISO clean rooms)



Impulsion - Air wave

Air diffusion through woven wire strips. This diffusion type allows higher air-dispersion range (coanda effect) thanks to linear air displacement.



Avantages

- Medium diffusion velocity (from 1 to 5 m/s)
- Controlled air diffusion
- Reduced number of diffuser
- Wall effect
- Minimized clogging

Energy - Induction

Air diffusion through induction in vis calibrated openings. Through blowing a reduced air flow, induction allows to create a movement in a much greater flow of ambient air.



Benefits

- Made-to-measure air dispersion (from 3 to 30 m/s)
- Air mixing (venturi) and limited temperature gradient
- Ideal for use with reversible units
- Wide air-dispersion range
- Adaptable to every type of activity sectors

Options et accessories.

Various suspension systems

Miscellaneous supports



Profiles (PVC/Alu)



Cables (Galvanized/ Stainless/Kevlar/PVC coated)



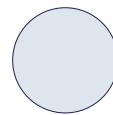
Grippe



Rail (Aluminium Twist'n'Fix)



A wide range of shapes



Circular



1/2 Circular



1/4 Circular



1/2 Elliptic

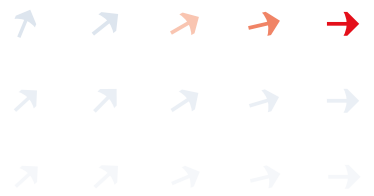
Fabrics and colors

A wide range of standard or custom colors can be incorporated into AIRNÉO by Aéro Textile Concept. You can custom-build your networks: special shades, shapes, marking, etc.

RAL standards colors



9010 1023 2011 3020 6032 5005 5012 7040 Noir



DUCTING SUITED TO ALL TYPES OF USE



Food-Processing



Logistics



Shopping centers



Public Buildings



**Laboratories
Clean rooms**



Special Events

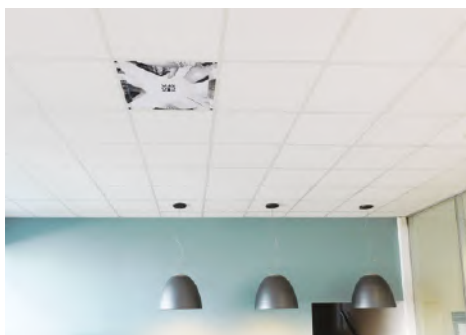


Industry



Tertiary activities

Additional ranges.



CONCEPT Range

- De-icing sleeves
- Air curtains
- Cantonment screens
- Air-conditioning ducts for shelters



SURFACE range

Combination of comfort and design

- Textile diffusing ceiling tile
- Find out about the product and
- collection at www.smartsurface.tech





KNOW-HOW RECOGNIZED BOTH FRANCE AND INTERNATIONALLY

Approved by deciders in all types of activity

- Thermal and fluid design offices
- Refrigeration and air-conditioning installers
- Manufacturers of air-treatment machines
- General contractors
- Architects
- Users



From design through to service

Long-term assistance.



Contact us :

Head office
 AÉRO TEXTILE CONCEPT
 3, rue de l'Industrie
 69530 Brignais - France
 Tél : +33 (0)4 78 05 35 54
 commercial@aerotextile.com

Mexican subsidiary
 Blvd. Díaz Ordaz #1666
 Col. Santa Julia
 CP 36667 Irapuato, Gto. Mexico
 Tél. : +52 (462) 626 0123

Download our technical documents on our website :
www.aerotextile.com

