



HURLSTONES
NORTHERN LTD
Distribution Products



Hurlstones Northern Ltd are now an official commercial distribution partner of ATC, the European leader in Textile Air Ducts and Diffusers. For over 30 years, ATC has been offering optimized air-diffusion solutions for all types of air treatment applications.

Benefits of Textile Ducting:

- ◇ Linear diffusion, made to measure and suited to all types of premises
- ◇ An Economic Solution
- ◇ Rapid installation for both ducting and diffusers
- ◇ Lightweight
- ◇ Unmatchable hygiene for your networks
- ◇ A design product: Digital printing silkscreen (printing, logotype) and an unlimited range of colours



AIRNÉO *by ATC*

Range AIRNÉO	REFERENCE	GOLD	FIRST	CLASSIC
TEXTILES	Polyester range from 90 to 220 g per m ²	Coated glass fabric range to MO or equivalent specifications 450 g per m ²	Polyester range 220 g per m ²	PVC coated fabric range 420 g per m ²
SPECIFICITIES	Design, ATEX requirements, antibacterial, antistatic	Non-combustible	Low porosity, long distances	Resistant to water and chlorinated atmospheres
APPLICATIONS				
Food-processing	✓		✓	
Industry	✓		✓	✓
Logistics warehouses / storage	✓		✓	✓
Shopping centers	✓	✓	✓	
Public building	✓	✓	✓	
Clean rooms / laboratories	✓		✓	
Tertiary activities	✓		✓	



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TEXTILE DUCTING : THE CHOICE OF PERFORMANCE



Energy saving

- Reduced equipment running times due to efficiency of air distribution
- Reduced operating costs
- Minimised load losses
- Air diffusers with variable volumetric flow



Comfort & indoor air quality

- Linear diffusion, made-to-measure and suited to all types of premises
- Complete air distribution resulting in consistent temperatures



Lightweight ducts

- Up to 40 times lighter than sheet metal ducts (from 90 to 400gr/m²)
- Lower installation and labour costs
- Easy assembly and storage



Low transport costs

- Compact size and low weight
- Saving on transport costs, regardless of the ducts' lengths



Improved hygiene & Easy maintenance

- Easily laundered in washing machine
- Antibacterial products available
- Bacteriological analysis
- Washing, control, repair, modifications' networks



Design & aesthetic

- Wide range of colours
- Ducts can be screen-printed
- Visually pleasing
- Ideal for open ceiling architecture environments



Efficient air distribution

- Reduced time to reach temperature set point
- Draught free
- Even temperatures



Cost effective solution

- Low purchase price
- Low fluctuation in the price of fabric materials, unlike steel
- Reduced fitting times



Acoustics

- Low noise level under normal operating conditions
- Upstream sound dampening
- Absorbent material



Easy installation

- Easy to fit straight out of the box
- Factory balanced, no onsite balancing required



Customised services

- Adaptability to all kinds of projects
- Wide diversity of networks and solutions
- Our engineering department at your disposal for any innovation



Suitable to all types of use

- Food-processing / Laboratories
- Sales areas
- Industry / Logistics / Special events
- Culture / Leisure / Tertiary sector



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Different types of diffusion

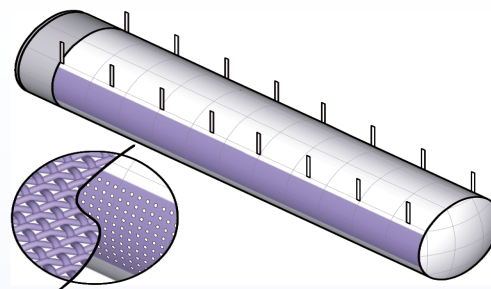
RADIANT

THE PRINCIPLE

Low-speed air dispersion (0.2 to 1 m per sec.) through a porous fabric surface

BENEFITS

- Short air-dispersion range from 2 to 4 m
- Comfort (no or very little draught)



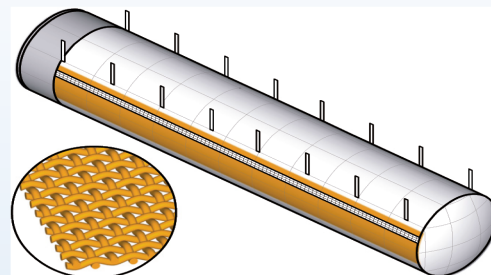
IMPULSION

THE PRINCIPLE

Medium or high-speed air dispersion (from 2 to 7 m per sec.) through woven wire strips

BENEFITS

- Air-dispersion range from 3 to 8 m
- Less diffusers required for the area



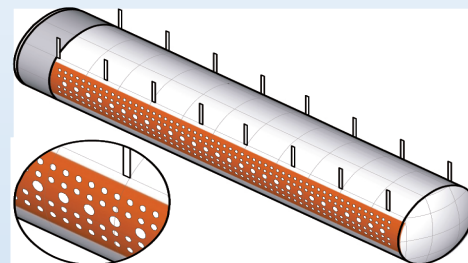
ENERGY

THE PRINCIPLE

Medium or high-speed air dispersion via calibrated openings (from 8 to 30 m per sec.)

BENEFITS

- Air-dispersion range from 4 to 30 m
- Ideal for use with reversible units, even with high temperature gradients



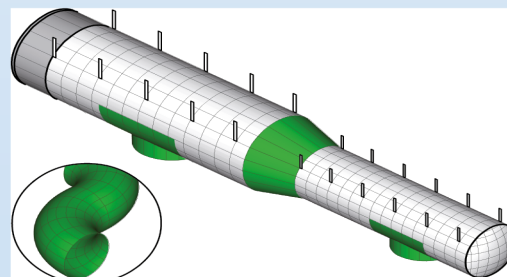
HERMETIC (non-diffusing)

THE PRINCIPLE

Diffusers for transporting air

BENEFITS

- Sounds are damped
- Minimum support structures are required





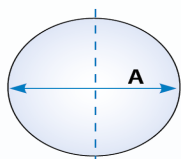
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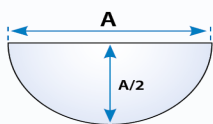
Options and accessories: choice, reliability and ease-of-use

A WIDE RANGE OF SHAPES

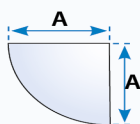
Circular



Semi-circular



Quarter-circular

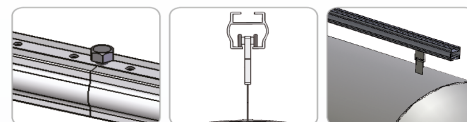


VARIOUS SUSPENSION SYSTEMS

Cables (Galvanized/Stainless)



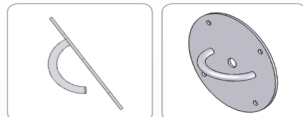
Rail (Aluminum Twist'n Fix)



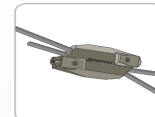
Profile (PVC)



Miscellaneous supports



Gripple



FABRICS AND COLORS

A wide range of standard or custom colors can be incorporated into **AIRNÉO** by ATC. You can custom-build your networks: Special shades, shapes, marking, etc.

RAL standard colors



Why choose textile ducting rather than traditional sheet-metal ducting?

Savings in all respects

30 %

savings on installation
work

- ▶ their low weight makes them easy to fit. It reduces handling requirements, the number of support brackets needed and fitting times.

Between

20 and 40 %

savings on transport costs

- ▶ with a weight of 80 to 500 g per m² (compared with 4 to 11 kg for traditional sheet-metal ducting), our ducts are lighter to transport.

Between

10 % and 20 %

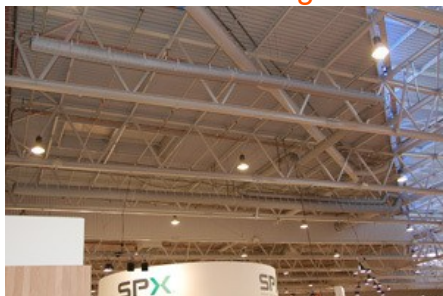
in energy savings

- ▶ the high induction, linear and homogenous effect of our ducting reduces temperature differences.

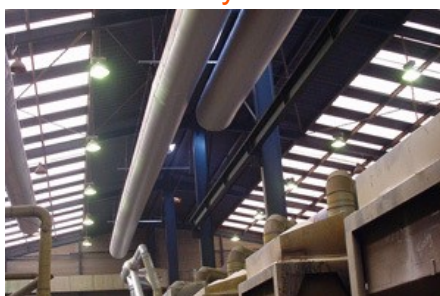
Applications of textile ducts

ATC possesses real experience in the industrial field. Technology transfers and the will to diversify have given it the possibility of encountering other business sectors and, even today, of approaching new markets.

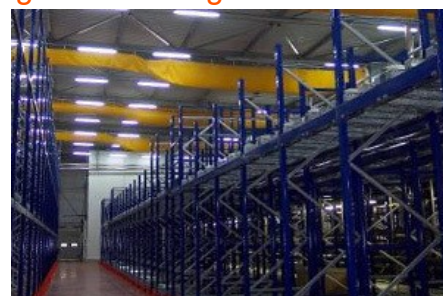
Public Buildings:



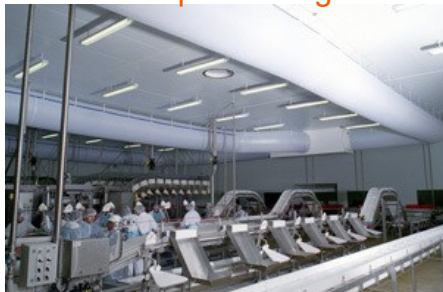
Industry:



Logistics buildings & warehouses:



Food-processing:



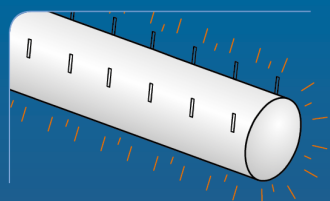
Special events:



Tertiary activities:

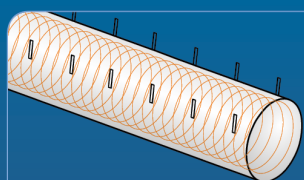


Discover the innovations in the AIRNÉO range



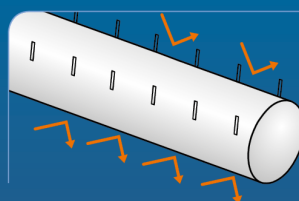
AIRNÉO Lumen

Light sources can be incorporated for highlighting your advertising messages. Ducting can provide extra lighting in your premises.



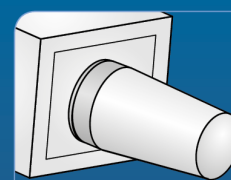
AIRNÉO Curve

With its hooped structure, this duct keeps its circular appearance even when it is not in use.



AIRNÉO Isotex

This duct meets air-transport requirements by limiting heat-losses and condensation.



AIRNÉO Warm up

A textile de-icing sleeve, designed to cover the refrigeration unit outlet. It reduces de-icing times by 30% and avoids any emission of moisture into the atmosphere.



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