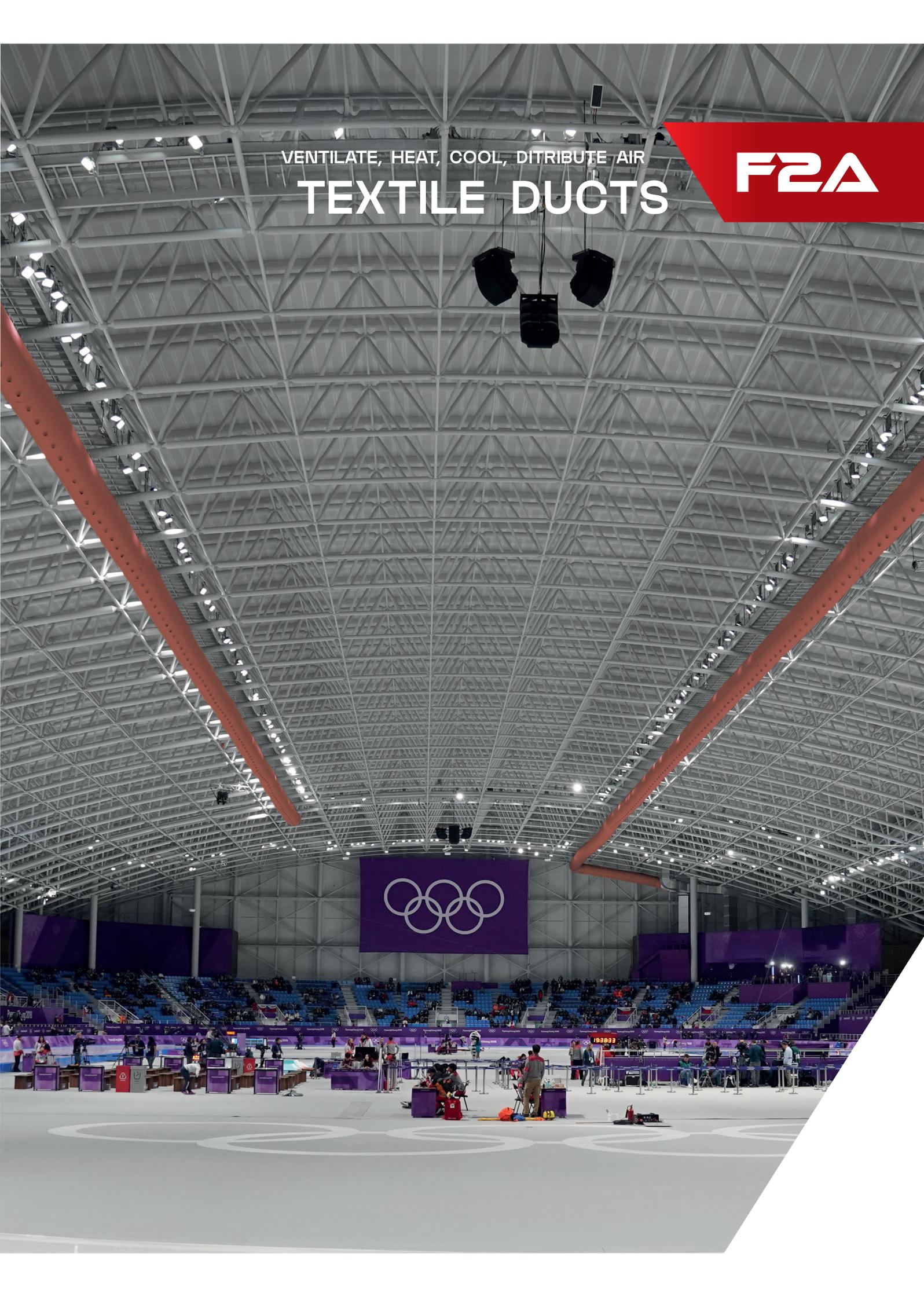
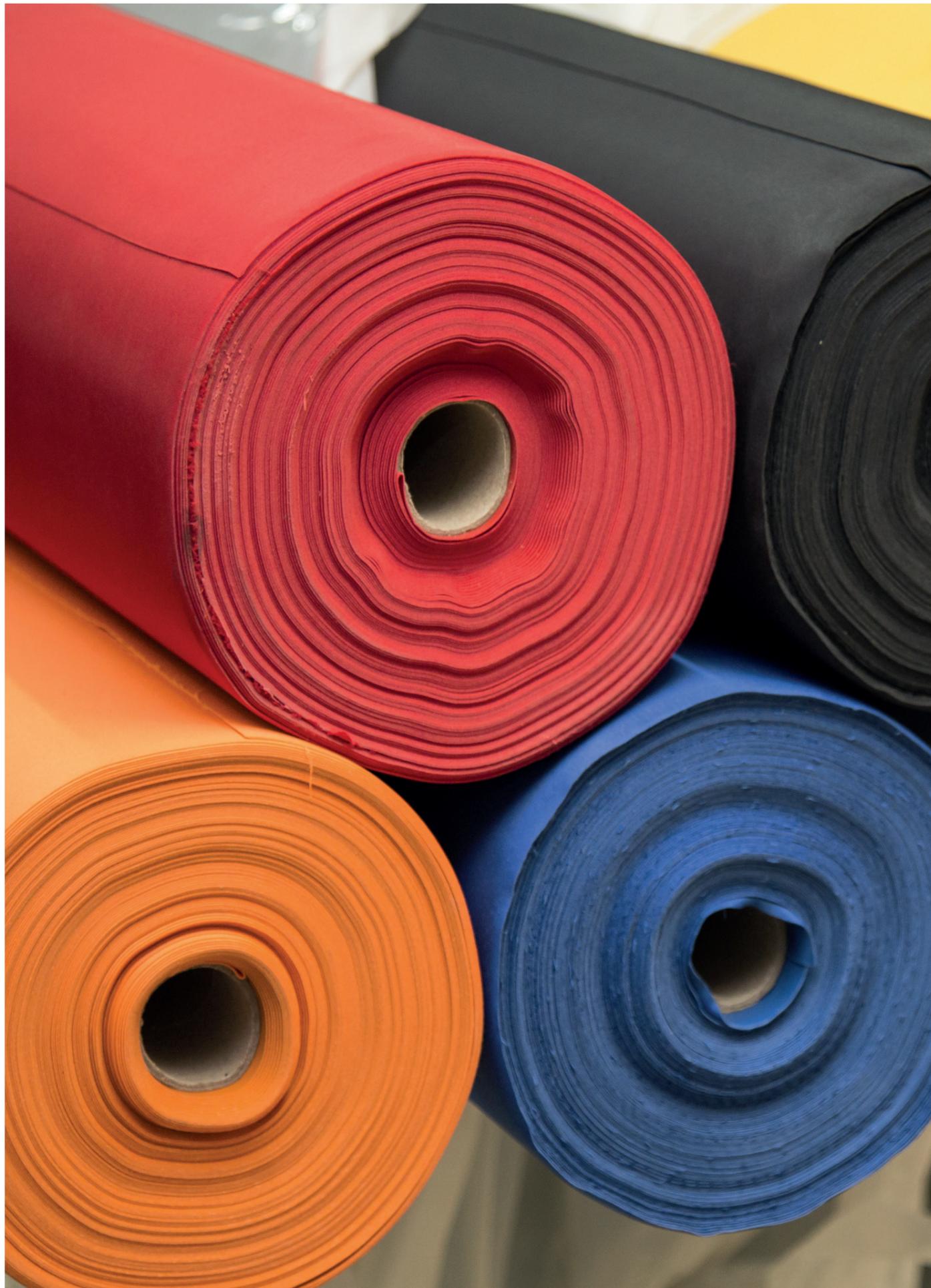


VENTILATE, HEAT, COOL, DISTRIBUTE AIR

TEXTILE DUCTS

F2A





WHY CHOOSE A TEXTILE DUCT?



COMFORT & INDOOR AIR QUALITY:

+ Controlled and customized air distribution

Designed to the specific needs of the building, technical constraints, and temperature variations, air distribution is optimized to guarantee maximum comfort.



OPTIMAL DUCTWORKS HYGIENE:

- + Machine-washable fabrics
- + Antibacterial technical fabrics
- + Microbiological controls



MODULAR SOLUTIONS:

- + For all types of applications
- + Fitted to building constraints
- + Customizable (colors, logo)



LIGHTWEIGHT:

+ Easy installation and maintenance

Extremely lightweight, our textile ducts greatly simplify installation and maintenance operations.

+ Enhanced safety

The system, which is particularly easy to handle, reduces the effort required during installation and thus limits physical strain for installers as well as the risks of accidents on site.



INSTALLATION COST SAVINGS:

- + Thanks to its light weight and clearly identified packaging, the duct can be easily installed **by a single person**
- + **Reduced balancing time**



TRANSPORT COST SAVINGS:

- + At only **97 to 500 g/m²**, compared to 4 to 11 kg for sheet metal, our ducts are easier to transport and significantly reduce logistics costs



ENERGY SAVINGS:

- + Thanks to their low thermal mass and lightweight design, textile ducts **enable rapid system start-up**.

This allows the ventilation system to respond immediately to changes in temperature or airflow demand, optimizing both comfort and energy efficiency.

APPLICATIONS

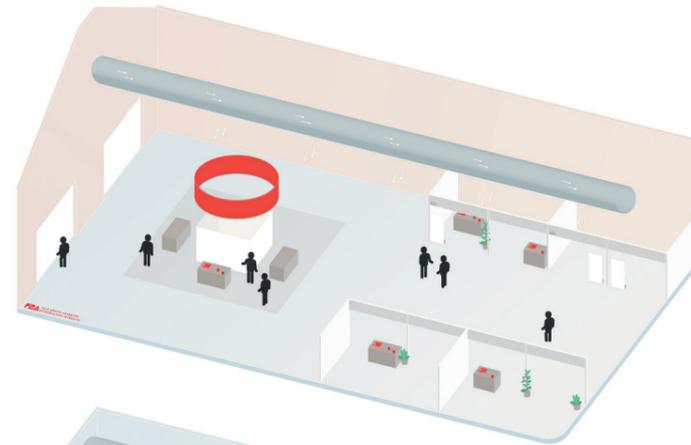
Texi Soft, Texi Pulse, Texi Jet, Texi Mix, Texi Move



PUBLIC BUILDINGS

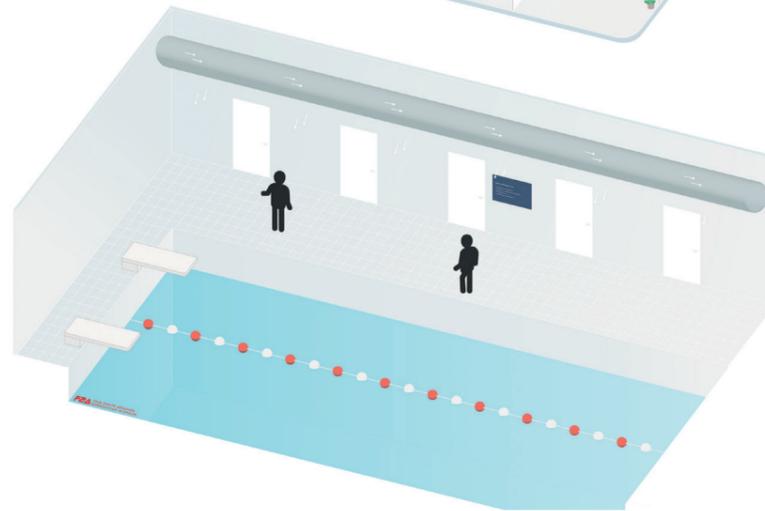
EXIBITION HALLS

- ✓ Safety, comfort, performance and aesthetics
- + Fire safety compliance (A2-s1,d0, sprinklers)
- + Maximum flexibility
- + Efficient air circulation
- + Smooth, uniform air distribution



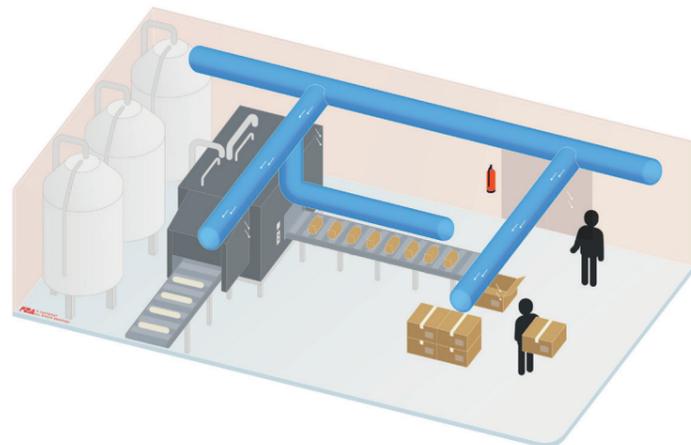
SPORTS AND LEISURE FACILITIES

- ✓ Safety, comfort, performance and aesthetics
- + Fire safety compliance (A2-s1,d0, sprinklers)
- + Maximum flexibility
- + Efficient air circulation
- + Smooth, uniform air distribution



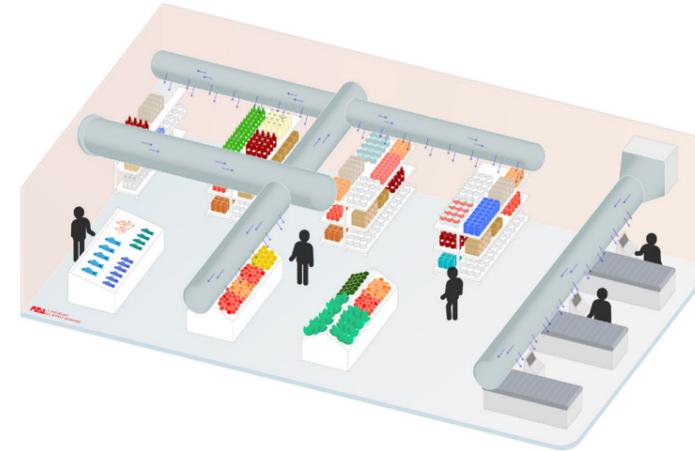
INDUSTRY

- ✓ Performance to enhance comfort and productivity
- + Precise management of large air volumes
- + Washable ductwork for optimal hygiene
- + Food safety compliance and humidity control
- + Uniform air distribution without dampers



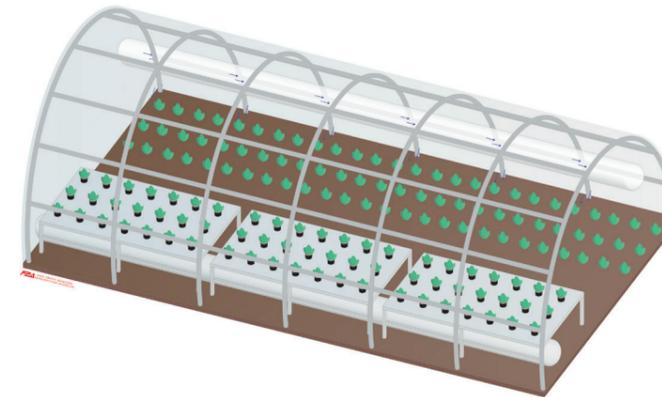
RETAIL AND SUPERMARKETS

- + Enhanced customer comfort and shopping experience
- + Food safety compliance and humidity control



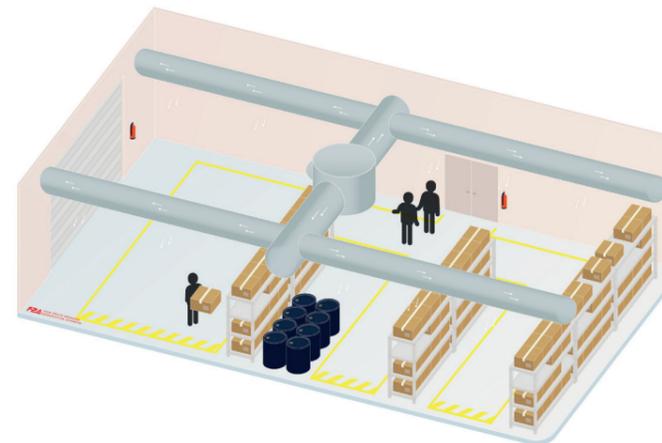
AGRICULTURE

- ✓ Every crop has specific requirements
- + Reduced risks associated with direct air draft
- + Increased light transmission thanks to transparent ducts
- + Controlled ambient humidity and temperature levels



LOGISTICS

- ✓ Team comfort and product protection
- + Uniform temperature for stored goods
- + Optimal operator comfort
- + Precise management of large air volumes



APPLICATIONS

Texi Soft

AIR DISTRIBUTION SOLUTIONS

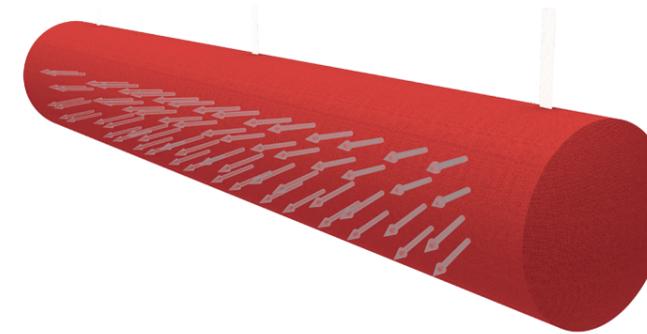
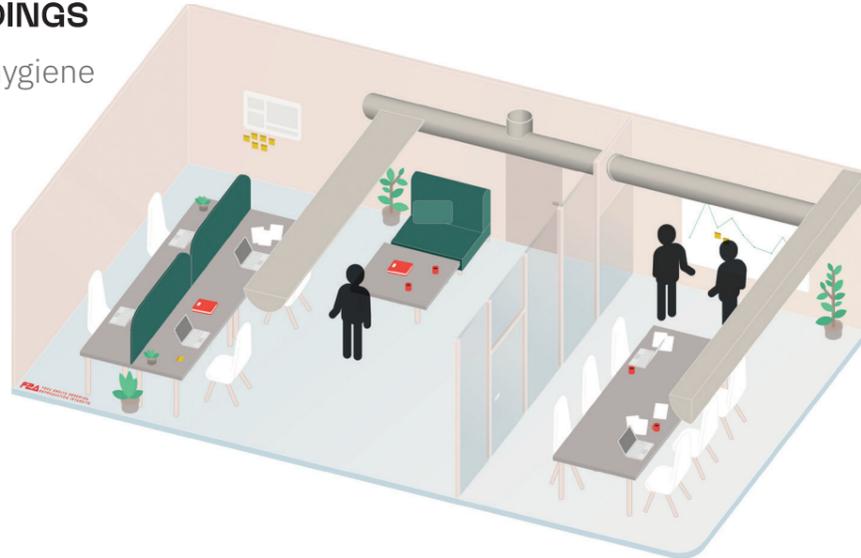
Texi Soft, Texi Pulse, Texi Jet, Texi Mix, Texi Move



COMMERCIAL BUILDINGS

Comfort, design and hygiene

- + Optimal occupant comfort
- + Seamless aesthetic integration
- + High hygiene standards



TEXI SOFT

The low-velocity air distribution solution (< 1 m/s)

- + Very low residual air movement
- + Excellent performance in cooling and air renewal
- + Very high airflow rates possible
- + Easy cleaning

Applications :

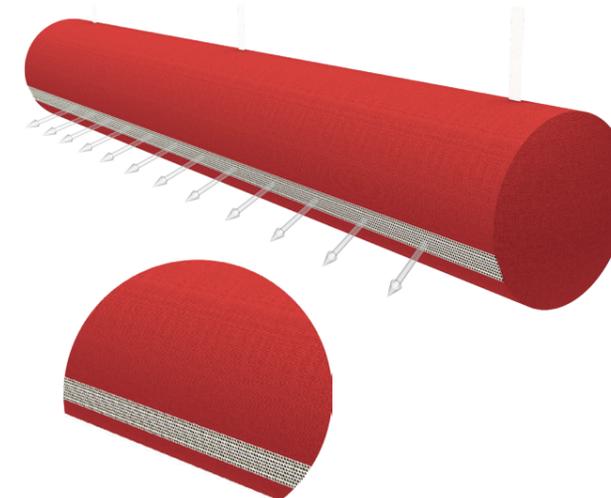
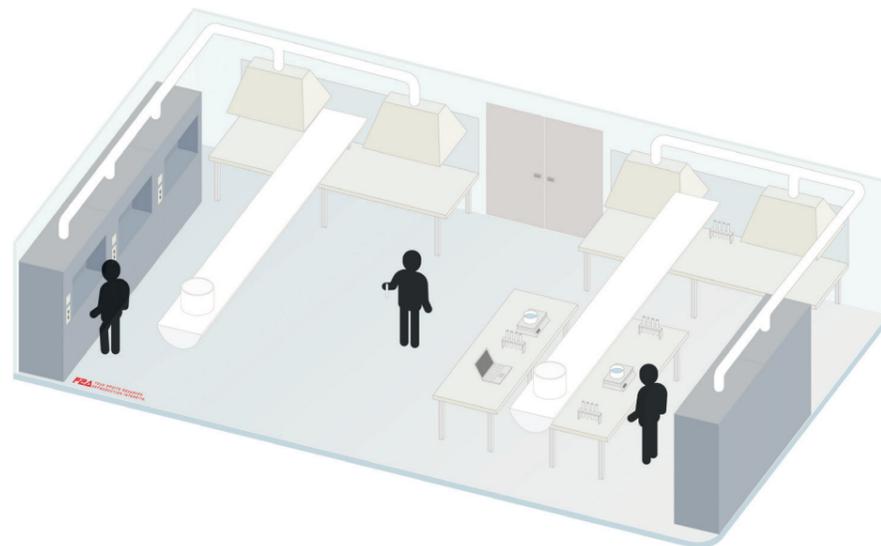
- + Cleanrooms and laboratories: controlled environment areas requiring perfectly uniform air distribution.
- + Food processing industry: ageing, maturation or packaging rooms where air quality is a critical parameter.
- + Industrial premises (paint booths, woodworking industry)
- + Commercial buildings



CONTROLLED ENVIRONMENT AREAS

Precise control of airflow for your most demanding environments.

- + High airflow rates delivered in confined spaces
- + Antibacterial and antistatic technical fabrics



TEXI PULSE

The medium-velocity air distribution solution (between 4 and 10 m/s)

- + Homogeneous air distribution based on induction and Coandă effect
- + Reduced air stratification
- + Suitable for all climate modes
- + Easy cleaning

Applications:

- + Medium-height industrial premises (H < 5 m)
- + Food production sites: processing, packaging, storage





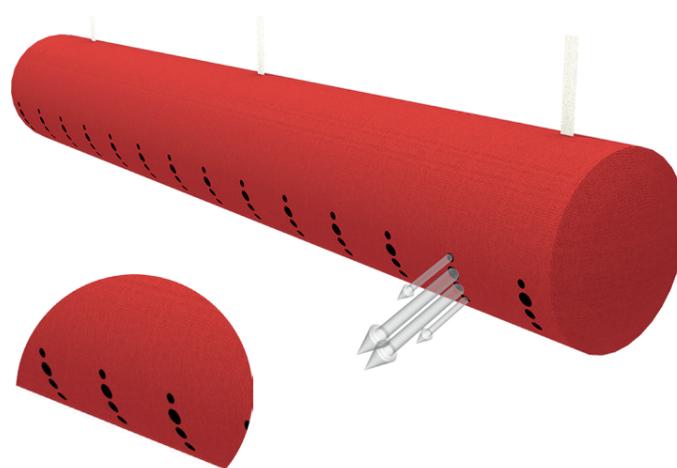
TEXI JET

/// The high-induction solution for high-velocity air distribution (7 to 15 m/s)

- + Suitable for both heating and cooling
- + High induction rate (ratio > 20)
- + High-airflow comfort
- + No clogging

Applications :

- + Public buildings (shopping malls, exhibition halls, performance venues, sports halls, gymnasiums..)
- + Sensitive industrial production facilities (printing, electronics, metallurgy, plastic injection)
- + High-bay warehouses and logistics areas



TEXI MOVE

/// The innovation that adapts to every season, without compromise

- + Optimal air distribution in both cooling and heating modes
- + Combines all the advantages of the selected air distribution mode

Applications :

- + Industrial sites with controlled industrial environments
- + Production areas or industrial processes with variable thermal requirements throughout the seasons.



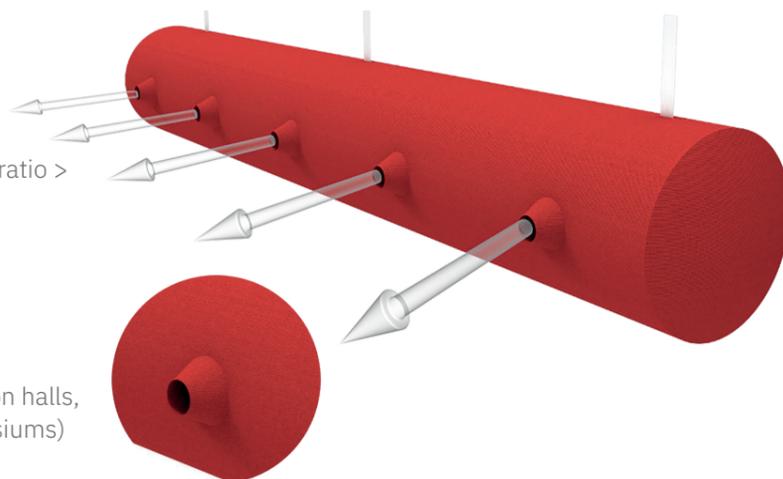
TEXI BUZ

/// The high-performance solution for high-rise buildings

- + Very high-velocity air distribution (15 < V < 30 m/s)
- + Very high induction rate in heating mode (ratio > 50)
- + Long throw
- + No clogging

Applications :

- + High-bay industrial buildings (H > 10 m)
- + Public buildings (shopping malls, exhibition halls, performance venues, sports halls, gymnasiums)
- + High-bay warehouses and logistics areas



TEXI EASY

/// A plug-and-play solution

- + Simplified installation and cleaning
- + Cost-effective
- + Attractive design
- + Suitable for renovation projects

Applications :

- + Commercial buildings
- + Cleanrooms and laboratories: controlled environment areas requiring perfectly uniform air distribution.
- + Public buildings (exhibition halls, performance venues..)



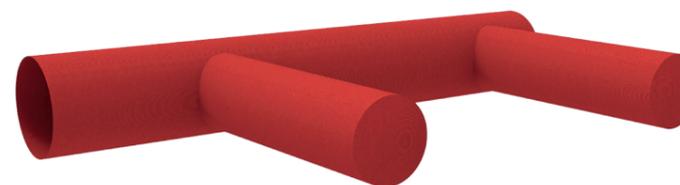
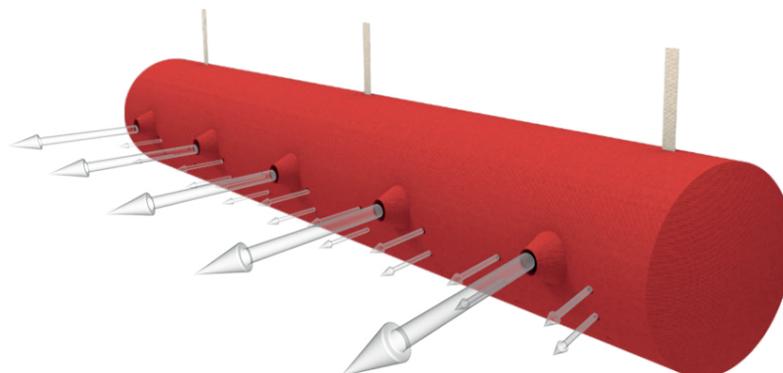
TEXI MIX

/// La diffusion d'air hybride, sans concession

- + 100 % adaptable aux besoins
- + Confort haut débit

Applications :

- + Sites industriels complexes,
- + ERP (GMS, halls d'exposition, salles de spectacles, salles de sport, gymnases..)
- + Environnements sensibles nécessitant des solutions hybrides performantes.



TEXI DUCT

/// The solution for air transport

- + Lightweight structure for supplying the ductwork
- + Very high flexibility in ductwork layout

Applications :

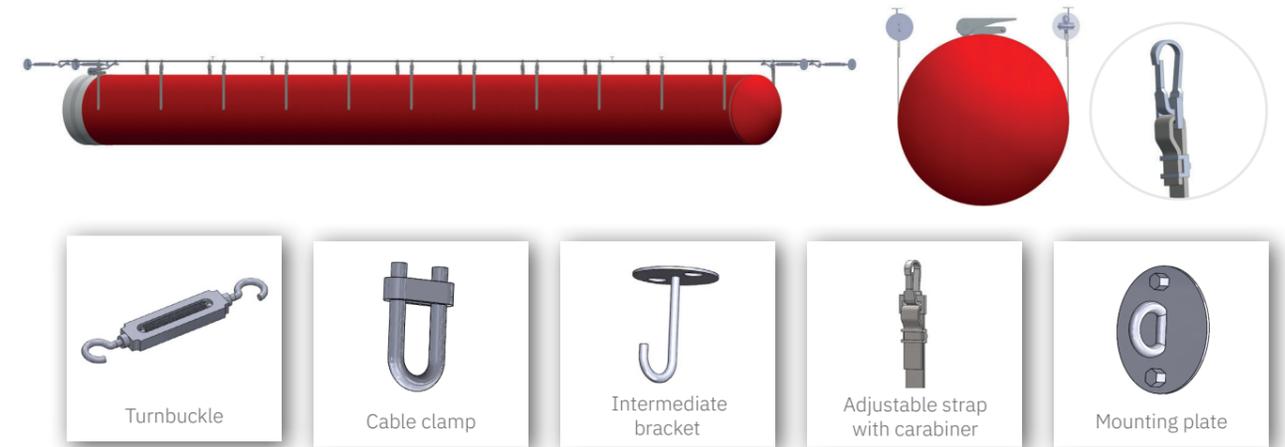
- For all types of applications, including industrial sites with controlled or demanding processes.

THE DIFFERENT FABRICS

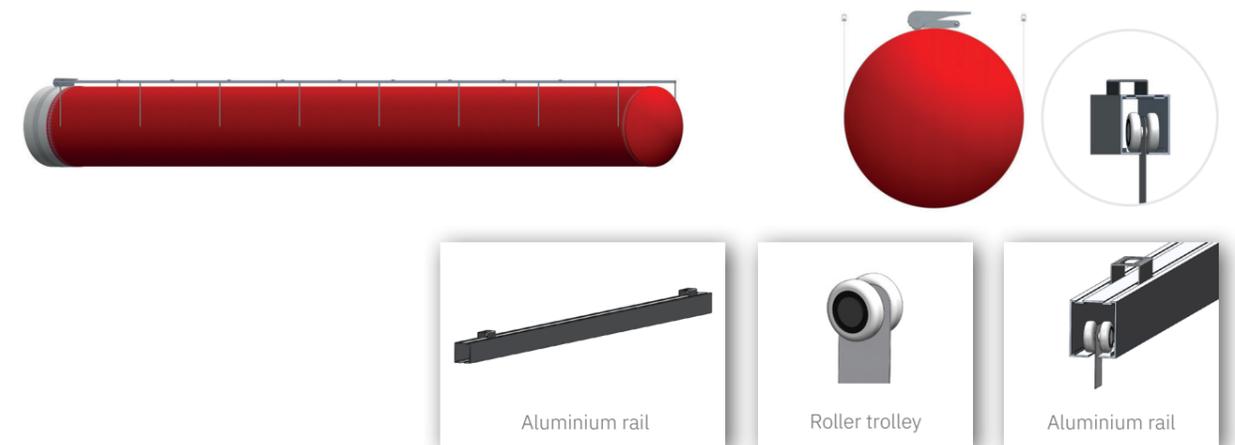
TEXTILE	KEY FEATURES	APPLICATIONS						
		INDUSTRY	LOGISTICS	PUBLIC BUILDINGS	SUPERMARKETS	AGRICULTURE	CONTROLLED ENVIRONMENT AREAS	COMMERCIAL BUILDINGS
Polyester fabric - 97 g/m² with porosity allowing airflows from 200 to 3,000 m³/h/m² at 120 Pa	+ Fire classification B-s1- d0	/				/	/	/
Polyester fabric - 130 g/m² with porosity allowing airflows up to 900 m³/h/m² at 120 Pa	+ Fire classification B-s1- d0 + Antistatic	/					/	
Polyester fabric - 97 to 160 g/m²	+ Fire classification B-s1- d0 + Antibacterial + Antistatic	/	/		/	/		/
Polyester fabric 220 g/m²	+ Fire classification B-s1- d0	/	/		/	/		/
Fire-retardant polyurethane-coated glass fabric 450 g/m²	+ Fire classification A2-s1- d0 + Air permeability at 120 Pa < 1 m ³ /h/m ²	/	/	/				
PVC coated polyester fabric 550 g/m²	+ Fire classification B-s1- d0 + Airtight	/				/		

SUSPENSION TYPES AND ACCESSORIES

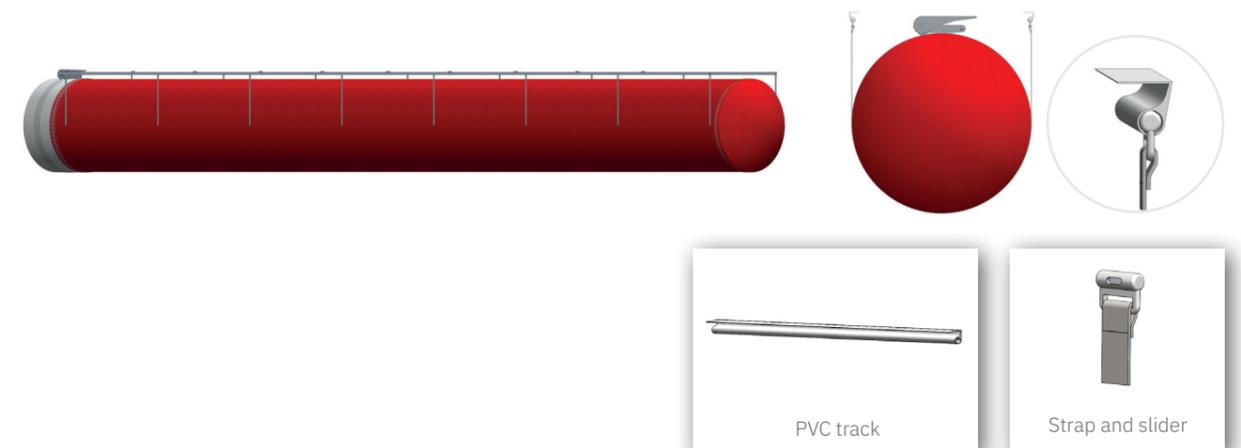
DOUBLE CABLE-SUSPENDED DUCT



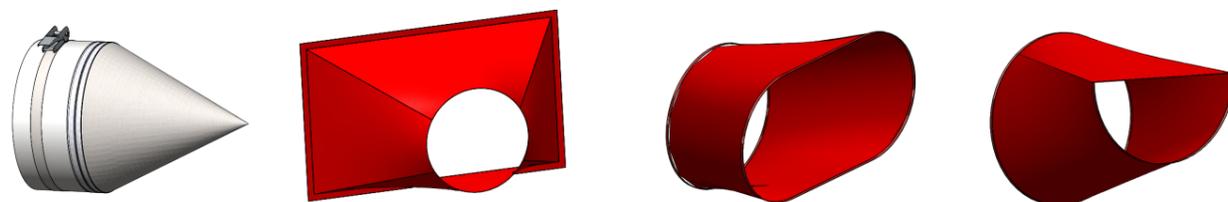
DOUBLE ALUMINIUM RAIL-SUSPENDED DUCT



DOUBLE PVC RAIL-SUSPENDED DUCT



DUCT CONNECTION ACCESSORIES



OUR EXPERTISE AND KNOW-HOW

Recognized expertise in the market

At F2A, the effectiveness of textile air diffusion is based on a dedicated organization structured around a specialized team: business unit, market manager, expert sales force, product manager, and in-house design office

Expertise recognized across the entire market

F2A is now recognized and trusted by:

- + **Thermal and HVAC design offices**, who rely on our expertise to ensure regulatory compliance and the energy efficiency of their installations.
- + **Refrigeration and air conditioning contractors**, who value the ease of installation and the quality of F2A textile solutions.
- + **General contractors**, who trust us with the overall management of their HVAC projects, thanks to the reliability and responsiveness of our teams.
- + **Air handling unit manufacturers**, who integrate our textile ducts into their equipment to achieve perfectly controlled air distribution.
- + **Architects**, who incorporate our aesthetic and functional solutions into their designs, meeting both the technical and design requirements of their projects.
- + **End users**, who enjoy optimal airflow comfort, controlled indoor air quality, and a durable, hygienic solution.

F2A, A TRUSTED PARTNER

By choosing F2A, you work with a trusted company capable of delivering even the most complex and ambitious projects, while ensuring **professional project follow-up, certified quality and continuous innovation.**



1214 rue des Chartinières - 01120 Dagneux - France
+33 4 78 06 54 72 / exportl@f2a.fr / www.f2a.fr

