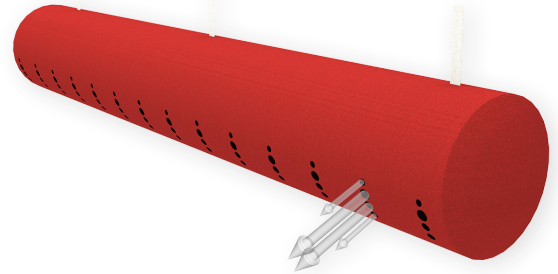


TEXTILE DUCTS

TEXI JET

The **Texi Jet** textile duct has been designed for high air velocity diffusion ($7 < V < 15$ m/s). This diffusion is ensured through rows of perforations designed for your project by our air management engineering department.

This method based on high air induction (rate > 20), offers an excellent air distribution efficiency (heating and cooling) combined with the control of residual speed, avoiding any « air draught effect ».



APPLICATIONS

Heating and cooling of large volumes

- large and average size stores, exhibition halls...
- Auditorium, amphitheatres, theaters, concert halls...
- sports halls, multi-purpose halls...

Heating and cooling of high industrial storage warehouses needing a homogeneous and controlled temperature.

Heating and cooling of sensitive industrial production premises, demanding regarding the control of residual speeds or high thermal applications :

- printing halls
- electronics
- metallurgy
- plastic injection...

ADVANTAGES

- High induction rate (> 20). Good control over residual air velocities and excellent comfort even with strong ΔT .
- High efficiency for the heating of high premises ($H > 8$ m).
- Ideal for heating and cooling needs of premises where comfort, temperature homogeneity are required and where the height is between 4 and 8 m.
- Suitable to heat up to 200 W/m^2 and up to 300 W/m^2 .
- Texi-jet ducts do not clog.

RECOMMANDATIONS AND LIMITS OF USE

- To be avoided for low height premises ($H < 4$ m).
- The sizing of the network and of the ducts (quantity, length, perforation plan) must be set at the beginning of the project.

TEXTILE DUCTS

TEXI JET

POSSIBLE FABRICS

All fabrics having a permeability below 100 l/m²/s under 120 Pa as well as technical PVC fabrics can be used.

F2A references	Type of fabric	Weight +/- 5% (g/m ²)	Standard colours	Permeability under 120 Pa (l/m ² /s)	Characteristics
PM1/E - 60	Polypropylene B-s1-d0 fire rating <i>Resistant to fungi and bacteria in accordance with DIN EN ISO 846 and VDI 6022</i>	60	White	70	Washable (one washing only) in machine according to our instructions
PM1/E - 160	Polyester B-s1-d0 fire rating (available without fire rating)	140	cf **	20	Washable in machine according to our instructions
PVC - M1	Double faced polyester coated with B-s2-d0 fire rating (available without fire rating)	550	cf *	0	Washable with high pressure jet
VPU 550 - M0	Double faced fiber glass fabric coated with polyurethane A2-s1-d0 fire rating	460	Grey White Black	<1	Non washable. Can be dusted off.

White	Black	Green close to RAL 6032
Grey close to RAL 7040	Blue close to RAL 5005	Red close to RAL 3020

*: Standard colours PVC PVC M1 in white only

	White	
Yellow close to RAL 1023	Blue close to RAL 5005	Red close to RAL 3020
Green close to RAL 6032	Blue close to RAL 5012	Grey close to RAL 7040

** : Standard colours PM1 160

The indicated colours only apply for the fabric itself.