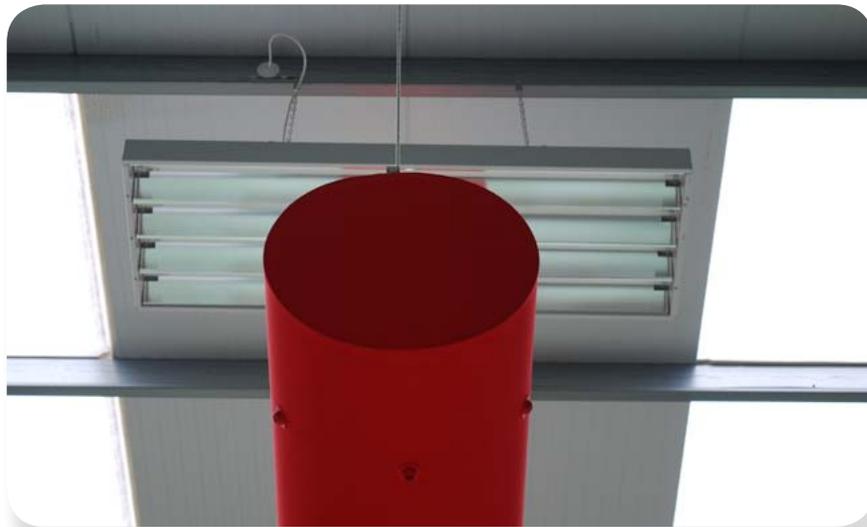


## Case: Lohmann Tapes, UK

### Even air distribution in light industry



*KE DireJet textile ducts with Ø18mm nozzles*

#### Quick install and lightweight solution

Adhesive products manufacturer Lohmann Tapes in Oxfordshire, UK, wanted a new ventilation system in their production facility. They required an even air distribution, a lightweight solution and a quick install as they could not risk having "down time" in the production.

#### FACTS:

Contractor: Lohmann Tapes UK  
Consultant: KE Fibertec UK  
Installer: Test & Cool Ltd



### Individual colours

Lohmann Tapes was very keen on the idea that you are able to get the textile ducts in the colour you want. Consequently, they chose a Traffic Red (RAL 3020) to match the Lohmann logo.

### Good and even air distribution

The fabric ducting solution consists of five round KE DireJet ducts with Ø18 mm nozzles for a 100% active and directional delivery.

From a ventilation technology perspective, the KE-DireJet System can be regarded as an active high impulse system for mixing ventilation.

The size of the nozzles can vary from Ø12 to Ø60 mm thus giving us the flexibility to use the KE-DireJet System in virtually every type of premises that requires mixing ventilation, even in extremely large buildings such as high-bay warehouses or large sports arenas.

The duct material is Trevira CS which is flame retardant with max. 0,5% shrinkage.



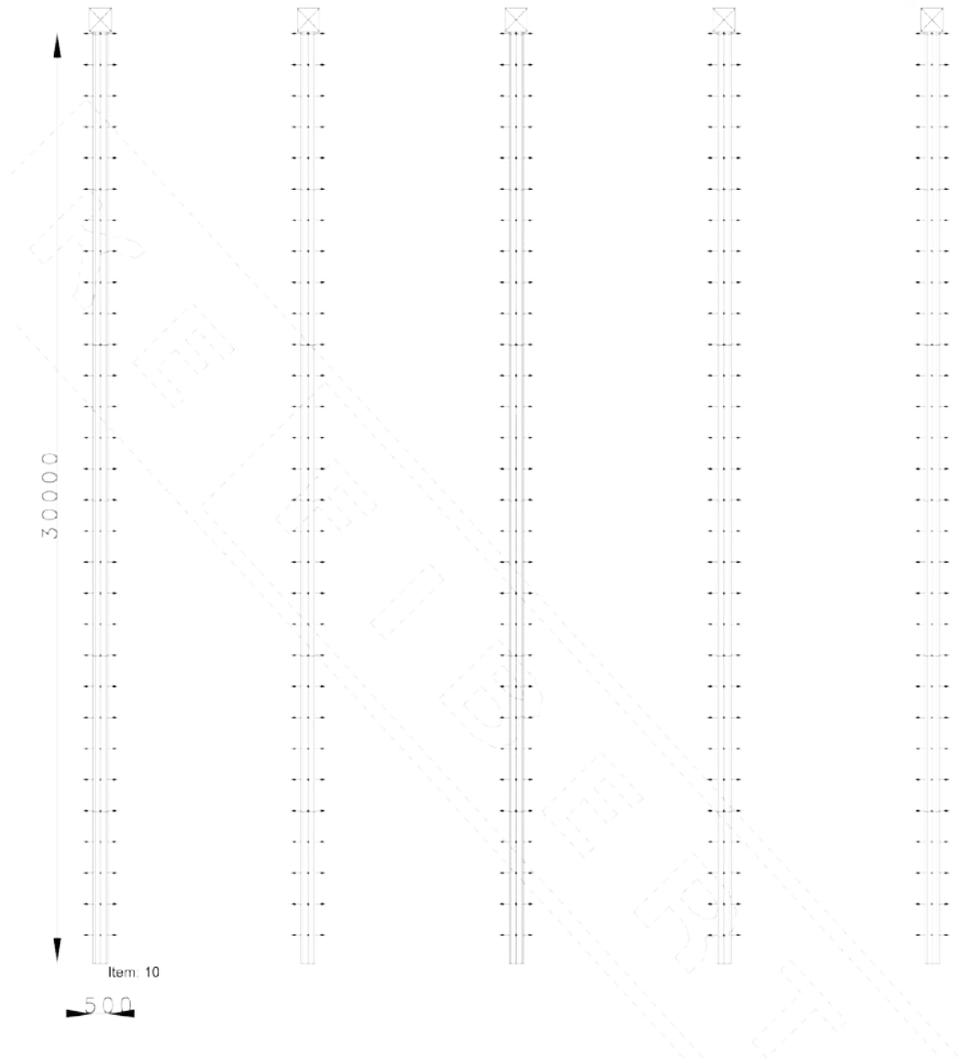
#### TECHNICAL DATA:

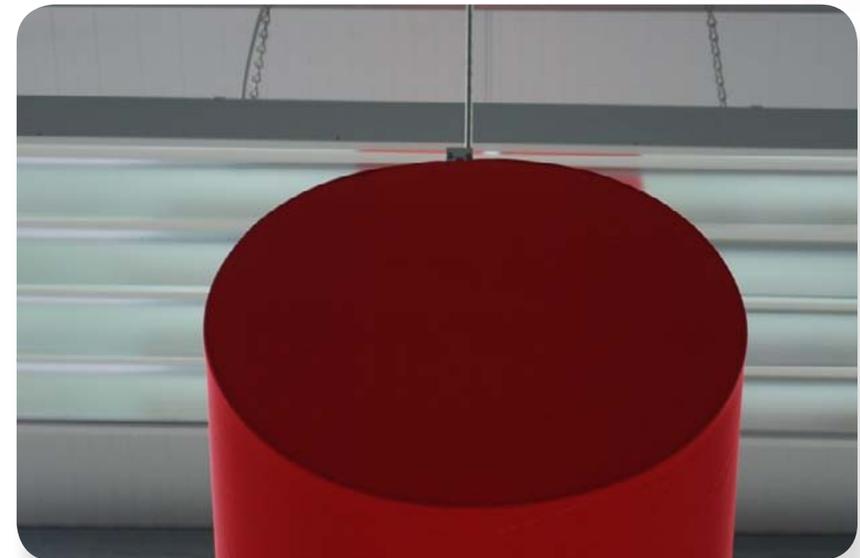
Year of construction:	2012
Air volume:	4.260 m <sup>3</sup> /h
KE Fibertec system:	KE DireJet Round duct with Ø18 mm nozzles
Dimensions:	Ø500 mm x 30.000mm
Mounting:	Single SafeTrack suspension
Material:	Trevira CS LDC

**Paul Summers, Lohmann Tapes:**

*“The ducting concept impressed us because KE Fibertec calculate the spread of air flow required and ensure that it does not disrupt our production processes. It is a diffusing process rather than a blowing process.*”

*This is a vast improvement on normal air blowers which blow our materials and dust around, which gives us problems in production. The fact that we could have the ducts made in our corporate colours was also a bonus! They look great – everyone who comes into our factory comments on them”*





KE Fibertec AS is market leader in Textile Based Ventilation. We create good indoor climate through our tailored textile ducts for installation in sports arenas, offices, laboratories, schools etc.



Textile ducts are customizable, easy to install, washable, hygienic, and come in all shapes and colours.

For more information please visit our website: [www.ke-fibertec.com](http://www.ke-fibertec.com).

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