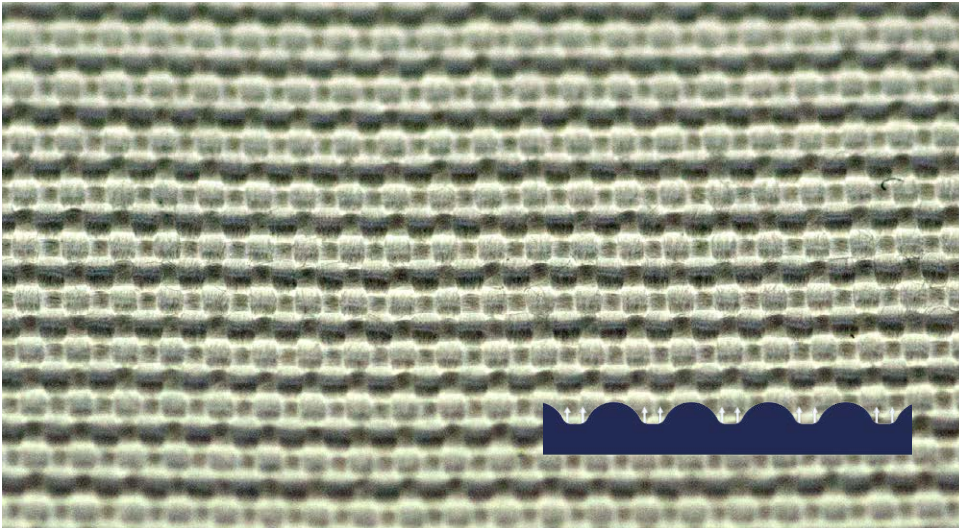




MultiWeave is a woven material made exclusively for textile ducting. The strong and competitively priced material makes it a good solution for especially industry and clean room applications.

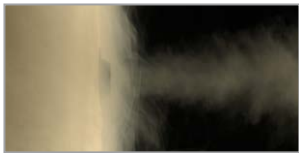


MultiWeave is a multifunctional material that is highly suited for many different applications, from cleanroom facilities of ISO class 4, industrial facilities and sports halls to equalizing rooms in meat factories.

- MultiWeave is made of multi-filament yarns with a plain surface structure. The filtration of the supply air is equivalent to that of a G2 prefilter acc. to EN779:2012
- The material is cleanroom certified as class 4 acc. to ISO 14644-1 - no shedding of particles
- Fire tested acc. to EN13501 B-S1-d0 without any finishing treatment
- Highly durable material. Tear strength of 110- 210 N acc. to EN ISO 13937:2
- Optional antimicrobial (Antibac) treatment for very humid environments (> 85% RH)
- Max. shrinkage of finished fabrics is 0.5%

DIRECTIONAL AIR DISTRIBUTION

Laser cut holes and/or nozzles will provide a directional distribution of the air and will avoid condensation.



5 DIFFERENT PERMEABILITIES

The variety of permeabilities enables very accurate dimensioning for a low air pressure and energy optimization.



STRONG MATERIAL

The multifilament material has a high tenacity and is therefore very strong and durable.



CUSTOM COLOURS

Available in a number of standard colours. At additional cost we can supply custom colours according to the Pantone/RAL systems.



APPLICABLE FOR CLEAN ROOMS

Due to the unique fibres the material is well suited for clean rooms as it meets ISO Class 4.



OEKO-TEX® STANDARD

Approved by the international Oeko-Tex organisation to document the sustainability of the material.



FIRE RETARDANT

Complies with DS 428, B-s1, d0 and EN 13501-1 fire standards. The fire retardants cannot be washed out of the textile.



KE FIBERTEC WEAVING MILL




All materials are woven in-house which allows us to control the complete production cycle and meet the requirements to our ISO 9001 system.












KE no.	Designation	Permeability at 120 Pa [m³/m²/h]	Material datasheet
MW40	Flame retardant special Polyester fabric - Cleanroom 4	40	41
MW40A	Flame retardant special Polyester fabric - Cleanroom 4 Antimicrobial treatment	40	42

WOVEN COLOURS
PANTONE/RAL




		
White 11-0601-TP / 9010	Light Grey 12-4705-TP / 9002	Dark Blue 19-3864-TP / 5002

STOCK COLOURS
PANTONE/RAL

						
Yellow 14-0955-TP / 1028	Red 18-1655-TP / 3031	Light Blue 16-4132-TP / N/A	Black 19-5708-TP / 9005	Green 18-6024-TP / 6016	Beige/Tan 15-1215-TP / 1019	Dark Grey 17-4402-TPG / 7042

KE no.	Designation	Permeability at 120 Pa [m³/m²/h]	Material datasheet
MW20	Flame retardant special Polyester fabric - Cleanroom 4	20	40
MW80	Flame retardant special Polyester fabric - Cleanroom 4	80	43
MW320	Flame retardant special Polyester fabric - Cleanroom 4	320	44
MW600	Flame retardant special Polyester fabric - Cleanroom 4	600	45

WOVEN COLOURS
PANTONE/RAL

		
White 11-0601-TP / 9010	Light Grey 12-4705-TP / 9002	Dark Blue 19-3864-TP / 5002

