

# MultiWeave®

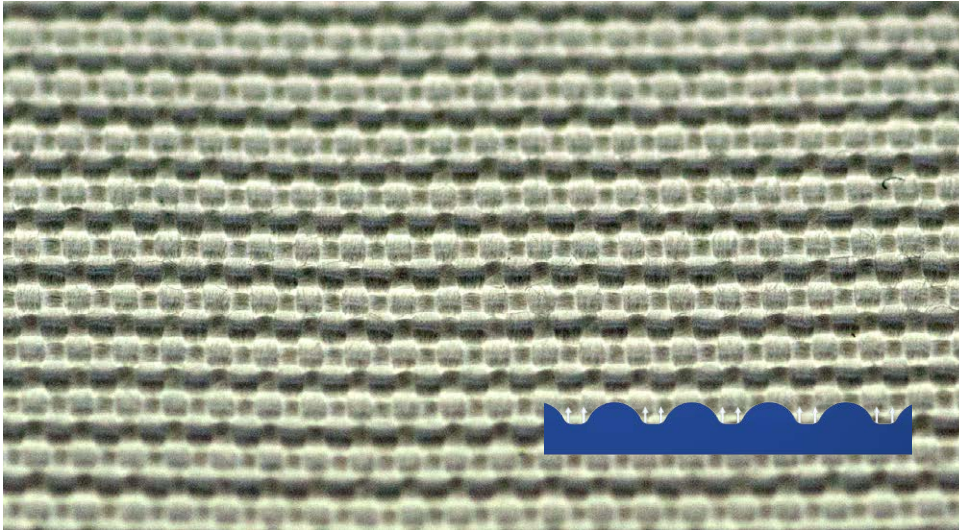
Durable and versatile fabric duct material



KE FIBERTEC

AIR THE WAY YOU WANT

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



MultiWeave is a multiple functional 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 UL 2518, 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. Avoid condensation.



#### 5 DIFFERENT POROSITIES

The variety of porosities 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 COLORS

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



#### APPLICABLE FOR CLEAN ROOMS

Due to the unique fibers 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 UL 2518, DS 428, B-s1, d0 and EN 13501-1 fire standards. The fire retardants cannot be washed out of the fabric.



#### KE FIBERTEC WEAVING MILL

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



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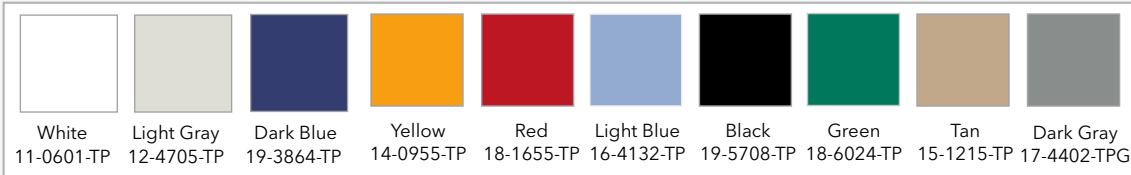


AIR THE WAY YOU WANT



KE no.	Designation	Porosity at 0.5" WG CFM/SQ FT	Material datasheet
<b>MW2</b>	Flame retardant special Polyester fabric - Cleanroom 4	2	41
<b>MW2A</b>	Flame retardant special Polyester fabric - Cleanroom 4 Antimicrobial treatment	2	42

AVAILABLE COLORS  
PANTONE



KE no.	Designation	Porosity at 0.5" WG CFM/SQ FT	Material datasheet
<b>MW1</b>	Flame retardant special Polyester fabric - Cleanroom 4	1	40
<b>MW4</b>	Flame retardant special Polyester fabric - Cleanroom 4	4	43
<b>MW18</b>	Flame retardant special Polyester fabric - Cleanroom 4	18	44
<b>MW33</b>	Flame retardant special Polyester fabric - Cleanroom 4	33	45

AVAILABLE COLORS  
PANTONE



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