

# High-Temperature Filter Mats

## Types LH 243 and LH 244



Main application	Filtration of re-circulation air in drying ovens relating to painting work as well as the filtration of air at high temperatures
Composition	Filter medium made of ultra fine, homogeneously spun glass fibers Clean-air side with special layer made from glass fiber nonwoven (LH 243) or from synthetic fiber nonwoven (LH 244)
Thickness	approx. 20 mm
Thermal stability	LH 243: up to 200 °C LH 244: up to 150 °C
Moisture resistance / rel. humidity	up to 100 %
Fire behaviour (DIN 53438)	Class F 1
Availability	Rolls up to 10 m x 1.5 m max. or cut pieces to customers' specification

### Filter test data in broad conformity with DIN EN 779 \*

Type		LH 243	LH 244
Nominal volume flow rate	m <sup>3</sup> /h·m <sup>2</sup>	<b>2200</b>	<b>2200</b>
Initial pressure drop	Pa	<b>125</b>	<b>125</b>
Recom. final pressure drop	Pa	<b>250</b>	<b>250</b>
Average arrestance	%	<b>97</b>	<b>97</b>
Average efficiency	%	<b>46</b>	<b>46</b>
Filter class		<b>F 5</b>	<b>F 5</b>

\* Determining the filter's technical data using an adapter to accommodate the component under test.  
The figures given are mean values subject to tolerances due to the normal production variations.  
The accuracy of the data given when applied to individual cases requires our express written confirmation.  
Replaces all previous issues of this data sheet.