Technical datasheet

Coarse filter mat K15/500 (regenerable)

Basic information	Specification
Basic elastomer	PES
Fabric ply	without ply
Description/features	Fibres solidified without additional binding agents, high mechanical resistance and high dust efficiency and dust storage capacity, multiple-use possible due to easy cleaning, temperature resistant
Areas of application	climatic testing chest, ventilation- and climate systems, circulation system, pre-filter in painting-lines
Format	**Rolls:** 20 mm available in: 20 m x 2 m
Colour	white

Technical data	Standard term/Specification	Unit	Testing method
Density	0.35	g/cm³	DIN EN ISO 1183-1
Filter class	G 4		DIN EN 779
Medium dust efficiency	about 92	%	DIN EN 779
Dust storage capacity	about 550	g/m²	DIN EN 779
Thickness	about 20	mm	
Fire performance	F1 self-extinguishing		DIN 53438
Initial differential pressure	48	Pa	544 m²/hxm² (1.5 m/s.) DIN EN 779
Final pressure drop, recommended	250	Pa	DIN EN 779
Temperature range	+ 100	°C	

Resistance	Standard term/Specification
Oil	n.sp.
Fuels	n.sp.
Acids	n.sp.
Alkaline solution	n.sp.
Weather	n.sp.

Legend		
⊕ ⊕ = particularly resistant	⊖ = not resistant	n.sp. = not specified
⊕ = resistant		n.a. = not applicable

Product-related special properties can be tested in our in-house laboratory. If necessary separate standards and testing standards deviating from DIN may be specified.

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