

# 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               | <b>Rolls:</b><br>20 mm available in: 20 m x 2 m   |
| Colour               | white   |

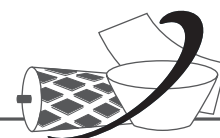
| Technical data                   | Standard term/Specification | Unit              | Testing method  |
|----------------------------------|-----------------------------|-------------------|---|
| Density                          | 0.35                        | g/cm <sup>3</sup> | DIN EN ISO 1183-1   |
| Filter class                     | G 4                         |                   | DIN EN 779  |
| Medium dust efficiency           | about 92                    | %                 | DIN EN 779  |
| Dust storage capacity            | about 550                   | g/m <sup>2</sup>  | DIN EN 779  |
| Thickness                        | about 20                    | mm                |   |
| Fire performance                 | F1 self-extinguishing       |                   | DIN 53438   |
| Initial differential pressure    | 48                          | Pa                | 544 m <sup>2</sup> /hxm <sup>2</sup> (1.5 m/s.)<br>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<br>⊕ = 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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