

# SPECIFICATIONS

Prepared on:  
June 28, 2005



Updated on:  
June 28, 2005

Page 1 of 2

## Product name: APP V600 and APP V500 - class F5 (EU5) ceiling air filters for spray lacquering cabins

### Description and usage:

The APP V600 and APP V500-type unwoven fabric mats are particularly often used during the final stage of inlet air filtration in lacquering cabins as a ceiling filter for the thorough purifying of air in spray painting systems.

They are widely used as thorough purifying filters in any ventilation systems with forced air circulation.

### Material description:

Filtering medium installed progressively (in an advancing way), with finest, resistant, 100% polyester fibres. Fibres are thermally welded and activated with a binder. The pure air side is reinforced with a woven polyester fabric. Silicon-free.



<b>Approvals / Certificates:</b>
<ul style="list-style-type: none"><li>• The MPA Certificate.</li><li>• The IPA Test: "approved for painting".</li><li>• The product is approved for industrial use in car manufacturing processes.</li></ul>

<b>Material information:</b>
<ul style="list-style-type: none"><li>• Resistance to humidity - up to 100% r.F.</li><li>• Thermal resistance up to 100°C.</li><li>• Resistance to fire in compliance with the DIN 53438 F1.</li></ul>

<b>Dimensions:</b>
<ul style="list-style-type: none"><li>• Rolls: 20m x 2m.</li><li>• Cut to sizes specified by customers.</li></ul>

### Special features:

The APP V600-type thorough filtering unwoven fabrics are classified mostly due to their features including:

- progressive fastening of fibres
- activation with a binder
- woven polyester fabric on the pure air side.

They ensure a particularly high capacity for the arrestance and accumulation of dust, which guarantees the long-lasting reliability of the device operation. Woven polyester fabric increases filtering material stability, and prevents dust penetration and potential mechanical damage during installation.

The APP V600 is a standard equipment in the car manufacturing process, as it possesses optimal arrestance capacity and ensures best painting results.

The above information complies with current knowledge on our products and their possible applications.

This guarantees no specific properties or usability in particular conditions. Users should observe guidelines and warnings provided on product labels and specified in material safety data sheets. We hold no responsibility if conditions beyond our control affect the final result of work.

**Auto Plast Produkt Sp. z o.o. [Ltd.] 62-300 Września, ul. Przemysłowa 10, Poland  
tel. + 48(prf)61 437 00 00**

# SPECIFICATIONS

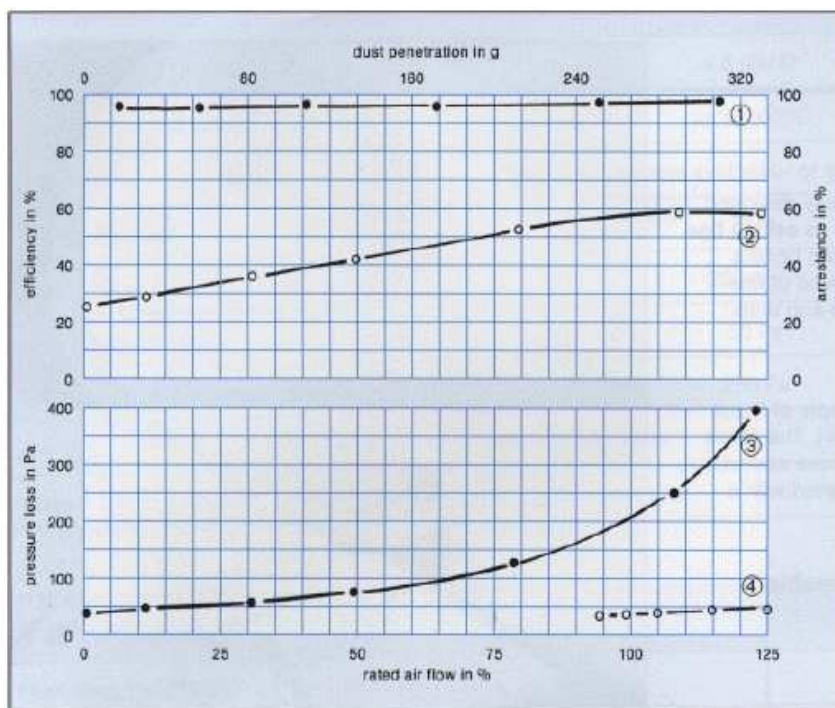
Prepared on:  
June 28, 2005



Updated on:  
June 28, 2005

## Product name: APP V600 and APP V500 - class F5 (EU5) ceiling air filters for spray lacquering cabins

The APP V600 Test in compliance with the EN 779 (DIN 24185):



Tested on 1 m<sup>2</sup> of effective net filtering area:

- 1.- Arrestance in relation to dust movement at a certain air flow.
- 2.- Efficiency in relation to dust movement at a certain air flow.
- 3.- Pressure loss in relation to dust movement at a certain air flow.
- 4.- Pressure loss in relation to initial air flow.

Data: APP V600 F5 (EU 5) in compliance with the EN 779 (DIN 24185)	
arrestance (Am)	97%
efficiency (Em)	45%
rated air flow	900m <sup>3</sup> /h
recommended final pressure loss	450Pa
dust absorption capacity	317g/m <sup>2</sup>
thickness	25mm
weight	600g/m <sup>2</sup>

Data: APP V500 F5 (EU 5) in compliance with the EN 779 (DIN 24185)	
arrestance (Am)	96%
thickness	20mm
weight	500g/ m <sup>2</sup>
woven polyester fabric is replaced with polyester screen	

The above information complies with current knowledge on our products and their possible applications. This guarantees no specific properties or usability in particular conditions. Users should observe guidelines and warnings provided on product labels and specified in material safety data sheets. We hold no responsibility if conditions beyond our control affect the final result of work.

**Auto Plast Produkt Sp. z o.o. [Ltd.] 62-300 Września, ul. Przemysłowa 10, Poland**  
tel. + 48(prf)61 437 00 00