

# Product Information Sheet



**Product:** HCG1114NEEM

## 1. General Information

<b>Type of Product</b>	:	V-Banked Turbulent Flow HEPA Filter
<b>Filter Frame</b>	:	Galvanized Steel
<b>Spacer</b>	:	Hotmelt
<b>Bonding</b>	:	2 Component Polyurethane
<b>Gasket</b>	:	Frothed Polyurethane
<b>Grid</b>	:	No Grid
<b>Flange</b>	:	No Flange

## 2. Technical Information Filter Media

<b>Type of Filter Media</b>	:	100% high efficiency micro glass fiber paper
<b>Media Structure / Bonding</b>	:	Borosilicate glass microfibers with an acrylic resin binder
<b>Base Weight</b>	:	78 g/m <sup>2</sup>
<b>Thickness</b>	:	0.35 mm
<b>Flammability (acc. DIN 53438)</b>	:	n.a.

## 3. Technical Specification Filter

<b>Product</b>	:	HCG1114NEEM
<b>Dimensions (BxHxD)</b>	:	610x610x292 [mm]
<b>Surface Area</b>	:	41,0 [m <sup>2</sup> ]
<b>Volume Air Flow</b>	:	4000 [m <sup>3</sup> /h]
<b>Air Velocity</b>	:	2,99 [m/s]
<b>Media Velocity</b>	:	0,03 [m/s]
<b>Efficiency at MPPS</b>	:	≥ 99,995 [%]
<b>Initial Pressure Drop</b>	:	280 [Pa]
<b>Final Pressure Drop</b>	:	500 [Pa]
<b>Filter Classification</b>	:	H14 acc. EN1822
<b>Maximum Temperature</b>	:	70 [°C]
<b>Maximum rel. Humidity</b>	:	90 [%]

All data are average indicative values with usual manufacturing and testing tolerances. We reserve the right to modify performance data without prior notice. Specific performance data will require our written confirmation.

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