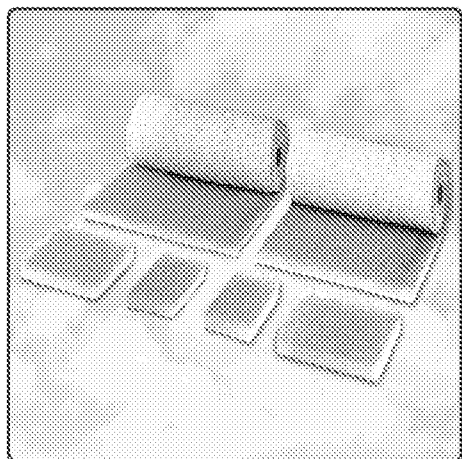




Dust-Stop (yellow)

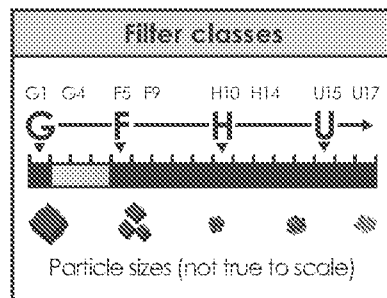


Dust-Stop (yellow)



Paint-Stop (green)

Glass fibre mats



Applications

Paint-Stop (green):

For use in separation of ink mist in paint shops and colour spraying cabins

- In automotive industry
- Manufacturing plants for furniture, windows, machines, etc.

Dust-Stop (yellow):

For separation of dry dust types

- In carpenters' workshops, metal working industry, etc.

Classification acc. to EN 779

- Filter class **G2 (EU2)** - green version
- yellow version
- Filter class **G3 (EU3)** - green version
- yellow version
- Filter class **G4 (EU4)** - green version
- yellow version



Versions

- Standard rolls e.g. 20 x 1m and 20 x 2m
- Special sizes on request
- Precuts for finished dimensions
- **Information concerning disposal:**
The disposal is subject to local restrictions. Depending on separated substances, used filter-medium has to be dried and disposed

Material characteristics

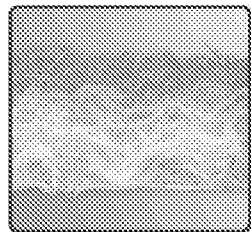
Paint-Stop (green):

- Temperature resistant up to max. 180°C
- Contains no silicone or other lacquer harming substances

Dust-Stop (yellow):

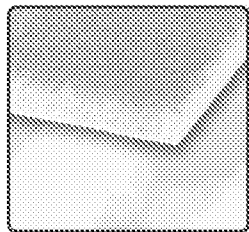
- Temperature resistant up to max. 80°C
- Additionally impregnated with antibacterial dust adhesive
- Contains no silicone

Benefits of VOLZ Filters



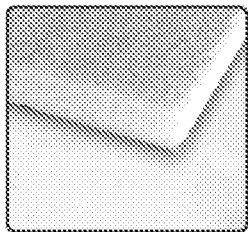
Shape elastic fibre structure

- The low compressibility of inordinately bedded glass fibres prevents the used medium from becoming compressed and enhances a higher separation



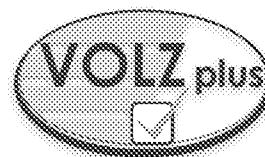
Paint-Stop (green)

- Separates ink mist from exhausted air. Thereby, exhaust air channels, fans and motors are protected from paint deposits. For identification reasons, dust air side is coloured green



Dust-Stop (yellow)

- Medium is additionally impregnated with an antibacterial dust adhesive. For identification reasons, dust air side is coloured yellow



- Glass fibre mats are produced in our plant in Germany
- Quality control of the complete production with internal filter test equipment and modern quality-management-tools

Standard versions glass fibre mats G2 – G4

Product	Filter classes	Material thickness approx.	Roll length*	Roll width*
		mm	m	m
Paint-Stop (green) 2"	G2 (EU2)	50	20 / 25 / 80 / 91	2.0 / 1.0 / 0.7 / 0.5
Paint-Stop (green) 3"	G3 (EU3)	75	20 / 25 / 80 / 91	2.0 / 1.0 / 0.7 / 0.5
Paint-Stop (green) 4"	G4 (EU4)	100	20 / 25	2.0 / 1.0 / 0.7 / 0.5
Dust-Stop (yellow) 1"	G2 (EU2)	25	20	2.0 / 1.0 / 0.7 / 0.5
Dust-Stop (yellow) 2"	G3 (EU3)	50	20	2.0 / 1.0 / 0.7 / 0.5
Dust-Stop (yellow) 4"	G4 (EU4)	100	20	2.0 / 1.0 / 0.7 / 0.5

* further dimensions on request

Glass fibre mat G3

Product	Colour	Material thickness approx.	Initial pressure drop	Recommended final pressure drop	Nominal air flow rate	Lacquer separation arrestance*
		mm	Pa	Pa	m³ / h / m²	%
Paint-Stop 3"	green	75	4 - 10	80	2500 - 6300	95

The measured data relates to 1m² filter surface

* The lacquer separation arrestance depends on the kind of lacquer, ink mist or environmental conditions like temperature or pressure in paint cabin

VOLZ Luftfilter GmbH & Co. KG

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Pocket filters

Fusion mats

Pleated filters (consertas)

HEPA filters

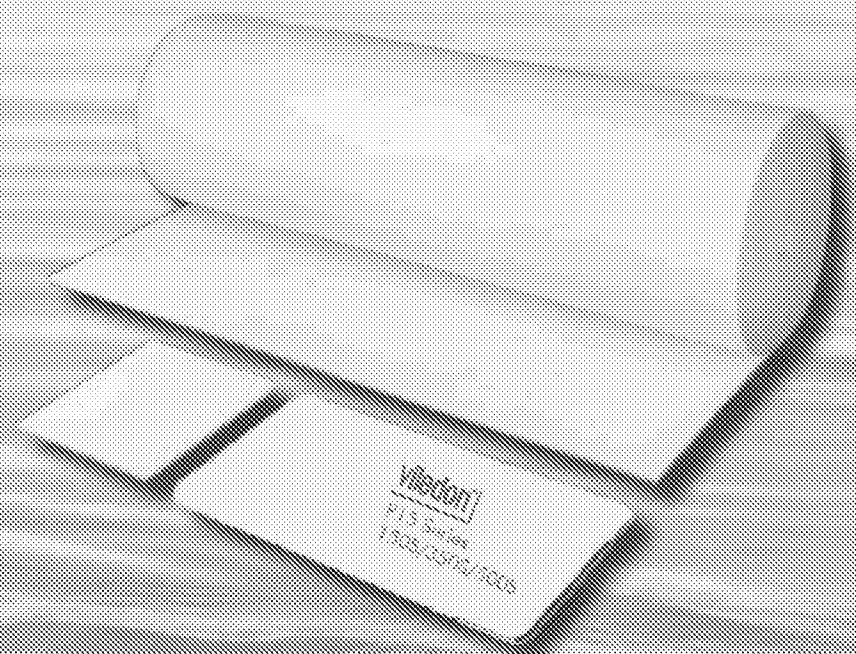
Extra-/special filters

Accessories

viledon® | P15 Series

GREENGUARD INDOOR
AIR QUALITY CERTIFIED®

PreFilter Mat



P15/150S

MERV
3

P15/350S

MERV
5

P15/500S

MERV
6

The viledon P/15 Filtermat Type is designed for filtration in heating, ventilation and air conditioning where resistance to high humidity and chemicals is desirable. viledon's filter superiority, known as the **viledon difference**, is highlighted by the following:

- ▶ Excellent for use as a prefilter in general commercial HVAC applications and also the general protection of equipment, P15 is ideally suited to upgrade from polyurethane foam filters.
- ▶ 100% organic synthetic, non-shedding, polyolefin fibers are thermally bonded to resist moisture and chemicals.
- ▶ P15 is available in 3 thicknesses, in cut pads and in rolls.
- ▶ P15 media is moisture-resistant up to 100% relative humidity.
- ▶ P15 is environmentally friendly, designed to comply with most landfill regulations.
- ▶ Temperature Resistance: Continuous 212°F peaks 250°F.
- ▶ UL 900, Class 2.
- ▶ viledon's development team is continually creating new products to serve emerging markets and meet changing specifications.

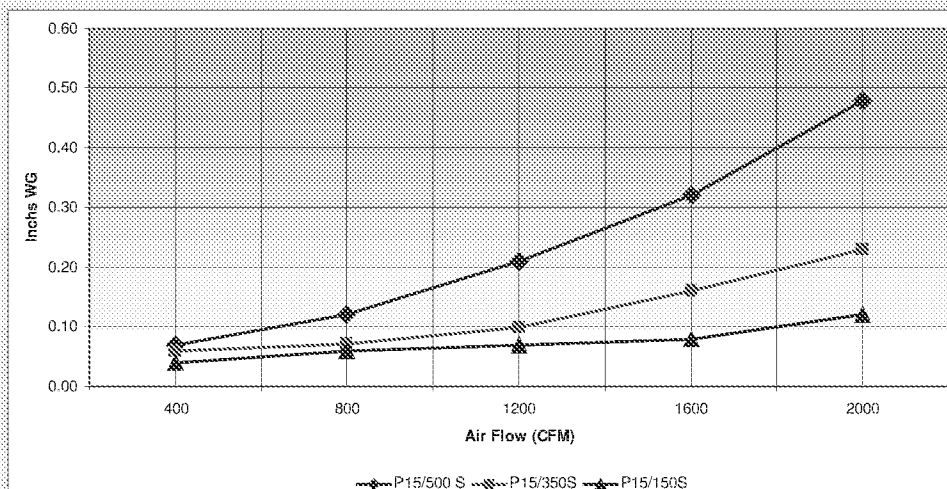
**Freudenberg
Filtration Technologies**



Technical Data- viledon P15 Series



Pressure Drop - Resistance Curve



IMPORTANT!

100% washability makes this filter ideally suited to upgrade from polyurethane foam filters.

Performance	Unit	P15/150S	P15/350S	P15/500S
Nominal Media Velocity	CFM	1600	1200	800
Initial Resistance	"w.g.	0.80	0.10	0.12
Final Resistance	"w.g.	.50	.80	1.00
Dust Holding Capacity	g/m ²	380	600	600

Thickness	Unit	P15/150S	P15/350S	P15/500S
	in.	3/8	1/2	3/4

P15 is available in all standard size cut pads and rolls.

The figures given are mean values subject to tolerances due to normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case.

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