VILEDON PAINT MIST SEPARATORS

viledon®

PAINT POCKETS FOR PAINT MIST SEPARATION IN PAINT-SPRAY CABINS







The application
High-quality filtration for paint-spray cabin exhaust air. The Paint Pocket floor filter mats are preferably used for paint mist separation in repair and paint-spray cabins with an exhaust air system.

The medium
The Paint Pockets are made from 100 % synthetic raw materials. Premature blocking of the surface is prevented by the diamond-shaped, three-dimensional material structure. This structure doubles the filter area, thereby increasing the filter's capacity to absorp paint mist, while the built-in mesh makes the mats stable and tear-resistant. The fully synthetic paint mist separators are easy to dispose of and are 100 % thermally recyclable.

The key features of Paint Pockets original
- The diamond-shaped surface structure increases service life by three to four times compared to glass paint separation mats.
- The high performance layer on the back side of the mats allows a greater efficiency in paint mist separation.
- This extends the service life of the downstream filter stages by up to 300 %.

The key features of Paint Pockets green
- Special, cost-optimized version for repair cabins with no downstream filters.
- The three-dimensional material structure enables longer service life and replacement intervals along with reliable compliance with prescribed emission limits (3 mg / m³).

TECHNICAL DATA		PAINT POCKETS ORIGINAL	PAINT POCKETS GREEN
Recom. face velocity*	m/s	0.5	
Initial pressure drop	Pa	15	10
Average paint arrestance	%	> 99.5	> 99
Recom. final pressure drop**	Pa	250	
Paint storage capability	g/m²	up to 30,000	up to 25,000
Material		Polyesterfibers	
Thickness, approx.	mm	30	25
Weight per unit area, approx.	g/m²	500	440
Temperature stability	°C	80	
Moisture-resistance (rel.hum.)	%	100	

* Higher face velocities are possible after consultation.
** For cost-efficiency or system-specific reasons it may be appropriate to change the filters before reaching the final pressure drop stated. It can also be exceeded in certain applications.

The figures given are mean values subject to tolerances due to the normal production fluctuations. Our explicit written confirmation is always required for the correctness and applicability of the information involved in any particular case. Subject to technical alterations. For information on the handling and disposal of loaded filters, please refer to our information on product safety and environmental compatibility.