

Filtration at its finest
Compact pocket filters featuring Nano jetSpin technology

NEW: T 90, MF 90, MF 95
WITH NANO JETSPIN TECHNOLOGY



Compact pocket filters with the new Nano jetSpin technology

Four layers for superfine filtration

4 LAYERS!



The pocket filters of the Nano jetSpin series exhibit the unmistakable "Embossed Plus".

Nano jetSpin is the new media technology that's now incorporated in Viledon® Compact pocket filters of the T 90, MF 90 and MF 95 series. The secret to the success of these Nano jetSpin filter media lies in their 4-layered non-woven structure.

The filters thus achieve superlative filtering performance by means of mechanical arrestance coupled with a low pressure drop. Viledon® filters featuring jetSpin technology can be recognized by the unmistakable "Embossed Plus" on each filter pocket. Nano jetSpin pocket filters offer their users some particularly cogent advantages.

Filtration at its finest – what are the advantages for you?

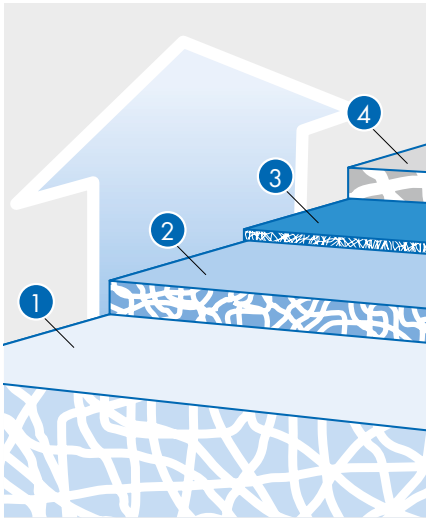
- Maximized operational reliability for the user
- Dependably effective, high arrestance performance under all duty conditions
- Successful combination of field-proven loading technology and sustainably excellent mechanical filtering performance featuring state-of-the-art nanofiber media
- Use of non-breaking, purely synthetic-organic filter media
- Optimum filtration of micro/nano-fine dust particles using a 4-layered filter medium
- Superlative dust storage capacity

T 90, MF 90 and MF 95 with Nano jetSpin technology provide a sustainably high level of mechanical filtering performance under all duty conditions.



Nano jetSpin pocket filter	T 90	MF 90	MF 95
Filter Class	F7	F7	F8
Energy Efficiency Class	EE1	EE2*	EE2*
Number of filter pockets	12	8	12
Initial pressure drop [Pa]	115	140	190
Average efficiency [%]	89	88	95

* Used in the 2nd filter stage with Class F5 prefiltration



The structure of the 4-layered Nano jetSpin filter medium in overview:

- 1 **Prefilter**
The majority of the dust is stored in the depths of the voluminous medium.
- 2 **jetSpin layer**
This layer provides micro-fine particle arresstance.
- 3 **Nano jetSpin layer** **NEW**
It is here that the critical fine particles are retained in nanofiber arresstance.
- 4 **Support nonwoven**
This backing layer made of spunbonded nonwovens ensures the inherent rigidity of the filter pockets.

Four is a winner

Nano jetSpin stands for 4-layered, progressively structured high-performance nonwovens made of non-breaking synthetic-organic fibers with a nano-fiber layer. A jetSpin layer, together with a superfine Nano jetSpin layer, surrounded by a prefilter and a support layer, ensure optimized filtration of critical fine particles in the heart of the medium.



Enhanced dependability for the user

Compact pocket filters featuring Nano jetSpin nonwovens ensure reliable, effective arresstance of superfine critical particles. They are particularly well-suited for sensitive installations and processes where specific safety requirements apply in terms of arresstance capability.

Irrespective of the conditions the filters have to cope with, they provide sustainedly high efficiency. This has been verified by checking the filter medium after isopropanol (IPA) treatment.

A successful combination

The excellent filtering performance of Viledon® Compact pocket filters featuring Nano jetSpin technology is based on a combination of rigorous mechanical filtration and the superlative characteristics of purely synthetic-organic media: binder-free, non-breaking, waterproof and microbiologically inactive.

Excellent performance profile

Viledon® Compact pocket filters featuring Nano jetSpin technology score well in terms of high initial efficiencies. Under all duty conditions, they can be relied upon for continuously excellent mechanical filtration performance and a persuasively outstanding dust storage capacity.

We do, of course, have additional, more detailed technical information for you on our filters.

Put us and our filters to the test, and join with us in planning a trial of the Nano jetSpin filters in your own system. Give us a call (why not today?) to agree a personal consultancy meeting.

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The T 90 Compact pocket filter scores in terms of energy-economical behavior and reduced CO₂ emissions with Energy Efficiency Class 1. That saves operating costs.



Filtration at its finest

As from February 2011, all Viledon® Compact pocket filters of the T 90, MF 90 and MF 95 series have been fitted with the new Nano jetSpin filter media. You will recognize this for your order by the reference in our order confirmation where the article text includes the added words "Filtration at its finest".

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