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## News

### **Pocket filter with sintered membrane filter elements**

25.04.2018 News

Infastaub extends its pocket filter series Infa-Jet AJN by a variant with sintered membrane filter elements. For special applications, these elements have advantages compared to common filter pockets, e. g. made of polyester needle felt.

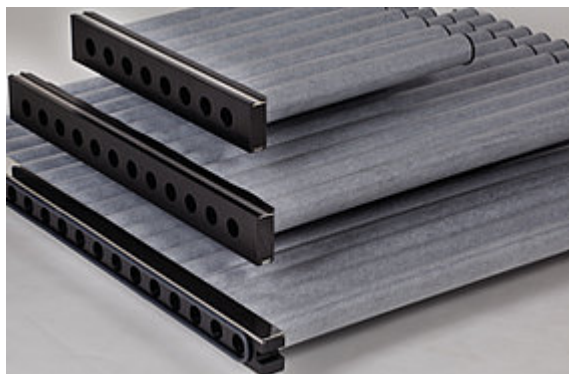
Filter specialist Infastaub extends its pocket filter series Infa-Jet AJN by a variant with sintered membrane filter elements. For special applications, these elements have advantages compared to common filter pockets, e. g. made of polyester needle felt. Central objective of the amendment was in particular to expand the field of applications for dry separating filter units.

The basic body of the sintered elements is made of a porous, rigid polyethylene tube. An ePTFE membrane is laminated on their surface. This membrane prevents penetration of particles into the basic body. In addition, it has anti-adhesive properties. That is why the fiber-free filter media especially suit for applications with slightly humid, hygroscopic or viscous/sticky dusts, e. g. for the food and pharmaceutical industry.

On request the filter media can be delivered in an electrically conductive (antistatic) quality, so that usage for explosion-endangered application is also possible.

Further positive properties of these sintered filter elements are excellent chemical resistance, low pressure loss as well as a higher air-to-cloth ratio. Very long service lives, even with abrasive dusts, reduce maintenance requirements and spare parts costs.

A great advantage of sintered filter elements is a very good regenerability. The classic surface filtration with product separation on the surface and cleaning by jet-pulse is possible as well as an additional wet cleaning of the installed or removed filter media. After that, the filter media have nearly their original permeability.



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