

Novates Treatment:

Testori's "Novates" is a urethane based, "partially embedded" surface treatment typically applied to polyester and homopolymer acrylic needle felts.

What distinguishes Novates from other surface treatments is its application. By partially embedding the emulsion during treatment, Novates retains a portion of the fibrous filtration (fig. 1) of a needled felt while adding the higher separation structure of the cellular urethane (fig. 2).

"Super Novates," a higher temperature version of Novates, is also available on aramid and PPS felts and usable up to 375° F/190° C.



Fig.1 Polyester Needlefelt treated Novates type T 452 NOV

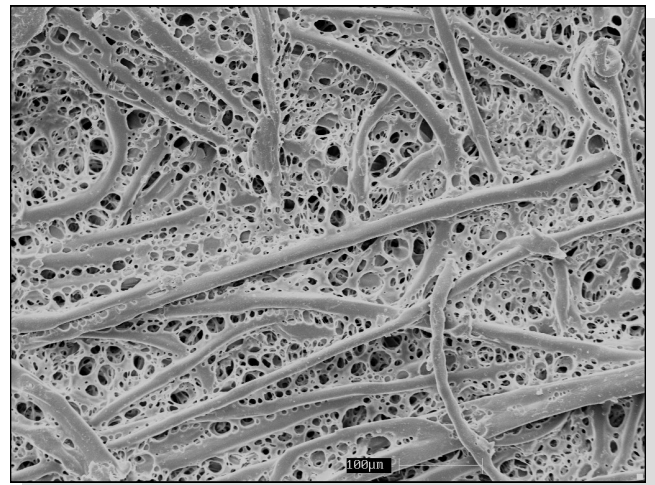


Fig.2 Partial embedding process

Main Characteristics:

- Temperature limit for gas stream 275° F/135° C.
- Higher efficiency when separating fine or sticky dusts.
- Excellent solution for fibrous dusts.
- Inherently oil and water repellent (hydrophobic and oleophobic).
- Surface separation instead of depth filtration.
- Emissions below 1 mg/Nm³ or .0004 grains/dscf possible with certain dusts.

End Uses:

Fibrous dusts (both organic and synthetic); sticky dusts, battery manufacturing; stearates and resins; minerals; chemicals.