



Guaranteed clean results!

Highest innovation competence for finest filtration.
ParaHyd[®] - multilayer solution at its finest.



**100%
synthetic**



Pleatable



**Sewable
weldable**



**ePM2.5
ePM1**

2024 / 2025

Clean results with TWE's finest – ParaHyd[®]

ParaHyd[®] combines several functions in one medium and ensures reliable processability, improved pressure losses and efficient filter performance in accordance with ISO 16890. This enables a significant improvement of the element manufacturing as well as the final product properties. Because the new product design eliminates the need for separate layers, ParaHyd[®] is able to safely separate both small particles and high dust holding capacity.

Technical specifications:



Weight range
80 - 120 gsm



Air permeability
200 - 600 l/m²s



Filter efficiencies
ePM2.5 50% - ePM1 90%



Multilayer nonwoven
2 - 5 layers

Further advantages and details:

- Flexible design due to modular structure
- Mechanical bonding and layer combination in one step
- Pre-filter integrated in multilayer structure
- High stiffness and therefore good pleat stability