



Maximized filter efficiencies!

ParaHyd[®] - our multilayer nonwoven that meets multiple requirements in your engine intake air application.



100%
synthetic



Pleatable



F1 burning
behavior



Filter
efficiency



Highest
DHC

2024 / 2025

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

ParaHyd[®] combines several functions in one fully synthetic medium and ensures reliable processability, efficient filter performance in accordance with ISO 12103-1, which enables a significant improvement of **dust holding capacity with an efficiency up to 99.9%**!

Technical specifications:



Weight range
220 - 335 gsm



Air permeability
600 - 2000 l/m²s



Filter efficiencies
up to 99.9%



Dust Holding Capacity
550 - 1300 gsm

Further advantages and details:

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

