



Home cleaning
Hygiene
Geotextile
Air Filtration
Breathers
Wadding
Insulation



Filter Media | Automotive engine air intake filter

Synthetic fiber-based nonwoven filter-media, developed and manufactured at Noam Urim production facility.

Constructed from selected high-performance PET fibers that are mechanically and thermally bonded. Produced in a multi-layering technique creating a density gradient in media cross-section and ensuring high-depth dust loading and optimal performance.

Application

Automotive engine air intake filter media.

Features

- Good pleatability.
- High filtration efficiency and dust holding capacity.
- Low initial pressure drop.
- Long filter life.
- Flame retardant (optional).



Air Filtration



Filter Media | Automotive engine air intake filter

FST		NU-AIF180	NU-AIF240	NU-AIF250FR	NU-AIF290FR	NU-AIF330FR
Applicable for Engine intake filter type		Injected Molded	Injected Molded	Injected Molded Hot pressed	Injected Molded Hot pressed	Hot pressed
Property	Test Method	Value				
Basis weight (g/m ²)	ISO-9864	180±10%	240±10%	250±10%	290±10%	330±10%
Thickness (mm)	ISO-9863	2.2±10%	2.6±10%	2.6±10%	3.0±10%	4.0±10%
Stiffness MD/CD TABER (g-f×cm)	ISO-2493	>20	>35	>30	>35	>25
Air permeability L/(m ² ×Sec)	ISO-9237 @ 200Pa	1200±10%	950±10%	1200±10%	1100±10%	1200±10%
Initial DP (Pa)	ISO 5011 Flat sheet @ face velocity of 0.3 m/sec	50±10%	70±10%	50±10%	60±10%	60±10%
DHC (g/m ²)	ISO 5011 Flat sheet @ final DP 3 kPa	>550	>450	>600	>800	>800
Final gravimetric efficiency [%]	ISO 5011 Flat sheet @ face velocity of 0.3m/s	>98.5%	>99.0%	>99.2	>99.5	>99.5
Mean pore size (µm)	BS 3321	130	110	120	110	110
Flame retardancy	DIN 53438-3	F3	F3	F1	F1	F1