

**FULLY RE-USEABLE FOAM AIR FILTERS?
BECAUSE THEY WORK LIKE THIS.....**



Our filters work on the most basic air filtration principle known to man - that is, the human nose.

A Unifilter works in exactly the same way as that thing just below and between your eyes. What we have is a wet/sticky passage that allows the air to flow freely but with the fluid catching the airborne particles as they try to find their way through to where they will do the most damage.

To reproduce a nasal passage, Unifilter uses an open cell foam which is 3% to 5% product and 95% to 97% void space. This open cell structure allows air to be pulled through the foam with 40% to 60% less effort than conventional paper cleaners. Sticky filter oil then comes into play - Unifilter's "*Filter Fix*" filter oil is a heavyweight mineral oil mixed with non-drying glue agents. (Mineral oil is used in preference to synthetics as it will not "dry" or effect the cell structure of the foam). This mix of oil is extremely important for good filtration as it must be liquid enough to travel and meet the dust as it builds up on the surface of the foam and yet thick enough not to drain from the foam. The formulation of "*Filter Fix*" has taken many years to perfect. Since 1978, there have been innumerable improvements, and on each occasion some two years of field testing has occurred prior to acceptance of that formula. The present formula is simply the best on the market.

So, in comparing a Unifilter against a conventional paper air filter, far less effort is required to pull air through our Unifilter resulting in a performance increase, particularly when it comes to fuel savings (better air flow or more precisely - less vacuum - resulting in smoother running and less fuel being sucked into the system).

With respect to dust retention, a paper filter is, in fact, a sieve which must have holes large enough to allow air to pass through. That hole size will allow dust particles of 35 to 40 microns to pass whereas Unifilter's sticky oil catches everything above 4 to 5 microns. Given that engine wear is caused by dust particles larger than 15 microns - Unifilter air filters are way out in front when it comes to protecting your engine from dust damage.

FILTER TYPE	AIR FLOW	DUST RETENTION	REUSABLE	AUST MADE
Paper	As a base rating	30 µm	No	Some
Oiled Paper	2% more restrictive	18 µm	No	Some
Cotton Gauze*	25% less restrictive	45 µm	Yes	No
Unifilter Foam	24% less restrictive	4 µm	Yes	Yes

*NOTE - The world's leading manufacturer of cotton gauze filters recommends **oiled foam outers** when used in dusty conditions.

And the advantages do not finish there - Unifilter elements are also re-useable. At around the normal life of a paper cleaner, Unifilter elements can be washed out with mineral turpentine, re-oiled with "Filter Fix" and returned to the vehicle. Economically and environmentally - a great concept.

Experience the benefits of Unifilter in your vehicle today – you won't be disappointed!

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