

WHO ARE WE?



Air-Seal Products is a privately owned family business established in 2000 and located in Somerset, England. Our range of premier tyre sealants are distributed worldwide by a growing network of dealers, and the business is represented at national and international trade exhibitions each year.

The Air-Seal Products team share over 100 years of technical experience between them in solving inconvenient puncture problems.



OUR RANGE OF PREMIER PRODUCTS

HEAVY DUTY

Our most popular tyre sealant suitable for sealing tread area punctures up to 15mm in a wide range of on-road and off-road equipment.

ARMOUR-SEAL

The premium grade of tyre sealant in our range suitable for sealing punctures up to 30mm in heavy earthmoving vehicles working in hazardous conditions.

HYDRO-SEAL

Our specially formulated tyre sealant for liquid-based ballast filled tyres capable of sealing punctures up to 13mm.

AIR-SEAL

Smaller packaging options for general purpose applications. Ideal for treating compact vehicles and machinery.

WHO USES OUR PRODUCTS?

Air-Seal Products tyre sealants are widely used by major companies worldwide having been proven in on-road fleet vehicles and off-road equipment including:



Road Haulage



Waste Management & Recycling



Mining & Quarrying



Agricultural



Construction & Demolition



UK Armed Forces & Government Departments



Motorbike



Grounds Care



Original Equipment Manufacturers / Dealers



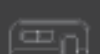
Local Authorities



Bicycles



Cars



Motorhomes & Caravans



Public Transport



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THE PREMIER TYRE SEALANT

...IT JUST WORKS!



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HOW IT WORKS

The centrifugal force causes Air-Seal Products tyre sealant to spread evenly over the inside surface of the tyre as it rotates. The moment a puncture occurs, the loss of air pressure immediately forces a combination of aramid fibres and fillers to interlock in the puncture site and form an instant puncture repair within one or two revolutions of the tyre, preventing any further air loss.

The puncture repair is so rapid that the operator may not even realise a puncture has occurred until they later inspect the tyre! If required, the offending object can be removed at this point, but the vehicle must then be immediately driven to enable the tyre sealant to repair the puncture that remains.

AIR-SEAL SEALANT IS INJECTED INTO EACH OF THE VEHICLE TYRES

AS THE TYRE ROTATES, IT SPREADS EVENLY OVER THE INSIDE SURFACE

AS A PUNCTURE OCCURS, THE SEALANT WILL FORM AN AIRTIGHT REPAIR

AIR FORCES MILLIONS OF FIBRES TO INTERLOCK AND SEAL THE HOLE

WHY IT WORKS

FILLERS

Once a strong puncture repair has been formed by the fibres, the final seal is provided by the filler particles. These minute particles are imperative for a high-performance tyre sealant as they lodge between the fibres within the puncture site to form an effective air-tight plug.

SUSPENSION STABILITY

The only purpose of the liquid portion of the tyre sealant is to carry the critical fibres and fillers to the puncture site. If the components within a tyre sealant separate, then it cannot perform effectively, but Air-Seal Products has been specifically formulated to overcome this.

FIBRES

The strength of the fibres used within a tyre sealant will determine how strong the puncture repair is. The aramid fibres that we have chosen are some of the strongest, and most abrasion-resistant, synthetic fibres to date. Similar to the state-of-the-art fibres used in tyre cord and bullet proof vests. Thanks to the varied length and degree of branching of these fibres, the puncture repair can occur instantly and will last the life of the tyre.

TECHNICAL INFORMATION

We are confident that our unrivalled technology is superior to any other tyre sealant on the market.

- ✓ Will not prevent a conventional tyre repair or re-treading.
- ✓ Non-hazardous formula.
- ✓ Liquid-based products containing no glues or gums.
- ✓ Freezing point is -35°C .
- ✓ MSDS information available upon request.
- ✓ Can be washed from the tyre with water at normal tap pressure.

Prevents air loss at rim and bead. Ensures air-tight performance to improve safety.

Punctures are plugged instantly and permanently.

Does not damage tyre or wheel rim.

Tyre pressure maintained decreasing fuel costs.

Distributes heat build-up. Tyre runs cooler and lasts longer.

Promotes uniform tread wear.

Air-Seal Products range of premier tyre sealants will provide protection for the legal life of the tyre and beyond.