

Heavy Duty and Armor-Seal Tyre Sealants

Maximise your tyre life with the solution to all your tyre problems

- One treatment realistically costs no more than the full cost of ONE tyre repair
- Increase tyre life by up to 20%
- Prevent up to 95% of all tread punctures in tubeless tyres and can be used in tubed tyres
- Heavy Duty Grade seals holes up to 15mm & Armor-Seal Grade seals holes up to 30mm
- Stops most rim and bead leaks and slow punctures permanently
- Reduce fuel costs by maintaining correct tyre pressures



Technical Information

- Reduce your CO₂ emissions
- Will not prevent conventional tyre repair or retreading
- Indefinite shelf-life and can be re-used
- Non-Hazardous
- Easy to install and is not a gum based product
- Can be used on tyre pressures from 2.5psi upwards
- Freezing point -35°C
- Supplied in 20 litre pails with installation pump and operating manual or one litre bottles
- COSHH information available
- Can easily be removed with water using normal tap pressure

Who are we?

The Company is a privately owned family business and was established in 2000. It is represented every year at national and international trade shows. There is also a growing network of dealers and distributors in the UK and overseas.

Supported by a specialist technical service with extensive experience of solving on-site puncture problems

How to contact us

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The Premier Tyre Sealant

It Just Works



Protect your tyres and increase your profits

The Premier Tyre Sealant

We are confident that our unrivalled technology is superior to any other tyre sealant. Our sealants are now fully proven to be an integral part of all good tyre management programmes.

Increase profitability by up to 20% and Reduce CO₂ Emissions

Less call outs for punctures and increased tyre life not only increase your profitability but are good for the environment as well! Tyre pressures are maintained so you also save on fuel costs.

Reduce Operational Costs and Downtime

You will also significantly reduce costly downtime for idle machines and labour. Using our tyre sealants will reduce your operating and tyre replacement costs.

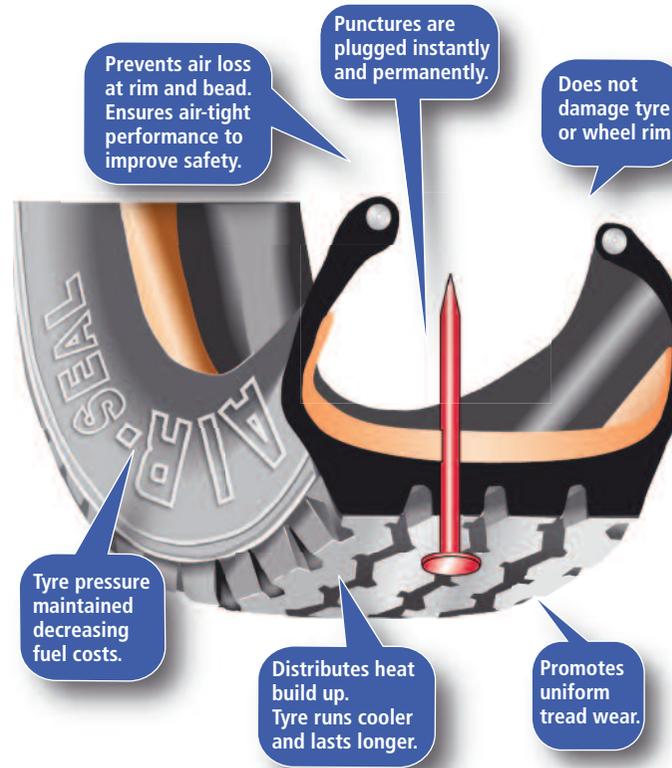
Improve Safety and Security

A tyre with a sealant installed is safer than one without. Proven over millions of miles on fleet vehicles and off-road equipment, Air-Seal Products Sealants are now widely used by major companies worldwide including:-

- Armed Forces & Private Security Companies operating in Iraq, Afghanistan and other areas of conflict
- Governmental Departments and Aid Agencies
- Waste Management, Demolition, Mining and Quarrying Industries
- Original Equipment Manufacturers and their Customers
- Civil Engineering and Building Contractors
- Local Authorities and Leisure Businesses
- Agricultural Contractors and Farmers
- The Road Haulage Industry
- Tyre Dealers and Fitters

How it works

Tyre Cross Section showing sealant installed



As the tyre rotates, the product spreads evenly over the inside surface. Immediately a puncture occurs, the air pressure in the tyre forces millions of fibre particles and fillers suspended in the sealant to interlock to form a plug which prevents any further air loss. This action will be completed within two or three revolutions of the wheel. This is a mechanical process not a chemical reaction.

It happens so fast that the driver may not know a puncture has happened. Later, when the tyre is inspected, if the nail or the cause of the puncture is still there it can be removed.

Why it Works

Fibres

Fibres constitute the backbone of the tyre sealant. The stronger the fibres, the greater the protection for the tyre. The strongest fibres are state-of-the-art synthetic fibres such as those used in tyre cord and bullet proof vests. The more varied the fibres in both length and degree of branching, the faster the seal forms and the more permanent the repair. By using the appropriate grade, these sealants will meet the design specifications for all types of tyre and the working conditions where they are used.

Fillers

Once a strong plug is formed by the fibres, the final seal is provided by filler particles which lodge between the fibres to form an effective airtight plug. The use of these inorganic fillers is imperative for a high performance sealant.

Suspension Stability

The function of the liquid in the sealant is the medium by which the fibres and fillers reach the area of the puncture in the tyre. Our products contain anti-corrosive inhibitors which will prevent any damage to the rim or tyre.

Air-Seal Products high performance sealants will not separate and will provide protection for the life of the tyre

To ensure the quality of our service we do not franchise our products

www.air-sealproducts.com

