

# NO MORE FLAT TYRES



## BENEFITS AND ATTRIBUTES

### **EXTENDS TIRE LIVE**

AirSeal has been tested and proven to maintains air pressure, retard aging within the casing, reduce heat buildup and increase tire live on a average of 25 % and higher in most cases

### **PROTECTS AGAINST UNDERINFLATION**

AirSeal has the ability to eliminate porosity, air migration and seepage, thereby allowing the tire to maintain proper air pressure, preventing the inception of most thread separations & zipper ruptures.

### **INCREASES RETREADABILITY**

AirSeal has the ability to protect against the inception of tread and ply separation caused by air migration between the plies of new and retread tires, thereby resulting in additional retread cycles and extended casing live.

### **RETARDS DRY ROT AND CASING DEGRADATION**

AirSeal has the ability to retard dry rot and aging from within the tire, which increases the live of any tubeless tire casing.

### **HEAT REDUCTION (# 1 Killer of tires)**

AirSeal assists in protecting tires from devastating heat build up which is associated with friction caused by under inflation and/ore overloading. AirSeal contains specific ingredients that aid aids in conducting heat away from the tire, by transmitting additional heat to the rim ( which is the tire's natural heat sink), resulting in a cooler running tubeless tire for any type of equipment or vehicle, regardless of mission profile.

### **SAFETY FACTOR**

AirSeal provides safety factors that are not found in any tire. AirSeal will not mask ore hide damage that has breaching the integrity or the tire. AirSeal is special formulated to allow any serious puncture (potentially dangerous) to slowly bleed air and AirSeal out of a wound, thereby allowing the tire to deflate in a controlled manner. This attribute provides safety and aids in alleviating the hazard associated with blowouts.

### **LASTS THE LIVE OF THE TIRE**

Airseal contains a thixotropic ingredient, protecting the sealant against heat and provides the ability to overcome the centrifugal force of a rotating force of a tire. AirSeal performance is not diminished by speed, distance or time.

### **PROTECTS THE INNER SURFACE OF THE TIRE**

Airseal thixotropic ingredients provide a coating that clings to the entire surface of the tire/rim assembly. The sidewalls including every square inch of the inner air cavity, retain a 0.050" (1.25 mm) coating of the inner tire, thereby providing protection for the tire at all times.

### **POSITIVE SEALING CAPABILITIES**

Airseal repairs are positive and secure, thereby transforming any tire into a self- sealing assembly. AirSeal is capable of sealing thread areas punctures caused by objects up to 6 mm ¼" ore 6 mm. AirSeal can not create a repair in any tire that has major structure damages.



### **WATER SOLUBLE Easy to Clean**

AirSeal is completely water-soluble in its liquid stage, and leaves no residue when rinsed with plain water. Yet it will not dissolve within a wound after it has cured. Standard repairing procedures can be utilized as normal.

### **PROTECTION AGAINST RUST AND CORROSION**

AirSeal contains a complete rust and corrosion inhibiting system that not only protects steel and alloy wheels, but in a wound, AirSeal proprietary process will also protect steel belts. Outside contaminants are prevented from leaking back into a wound which would cause the steel belt to rust and plies to separate. AirSeal therefore saves valuable casings.

### **DOES AIRSEAL CREATE A BALANCE PROBLEM**

Treating a tire with the recommended amount of AirSeal does not provide an excess amount of product in the thread area; therefore the tire is not subject to a mass of substances that would create an imbalance.

AirSeal's coats the inner surface and creates an evenly coat of the entire inner surface of the tire creating a coating of approximately 0.05" or 1,25 mm.

However, on the balancing machine only measures the weight of the wheel and advises a correction weight for a zero balance. If the dynamic center of the tire matches not this centre point, there is an imbalance. This often happens when the tire is not round. In this case AirSeal will increase the imbalance. Because of the flat tire profile we do not recommend to fill in AirSeal Speed into high speed tires with a with to high ratio less than 50 %

In any case we recommend filling AirSeal after the balancing procedure. If the driver feels a vibration, this indicates that there is a problem in the tire assembly or in the suspension.

### **ELIMINATE ACCIDENTS MOST FLATS AND BLOWOUTS**

40 % of all tire blowouts a result of under inflation. The majority of blowouts are caused by low air pressure. In Europe 41 % of all technical caused accidents on roads and motorways are due to tire failures. The reason for underpressure is the natural air migration which exists in every new tire and increases by the age. This is caused because the softeners in the tire substrate are evaporating continuously and through these micro porosities for the Air to evaporate.

In addition, leaking rims, leaking valves and metal porosities are increasing the loss of air.

AirSeal Light seals all porosities, throughout the legal lifetime of the tire; in addition to this AirSeal Speed and AirSeal DH are protecting the tire against Air loss through to punctures.

### **WILL NOT VOID TIRE WARRANTY**

AirSeal Product Comp has documents from all manufacturer stating that AirSeal does not void there warranties. In over 20 years in business there has never been a report of AirSeal causing a new tire warranty rejection or retread casing rejection.

AirSeal chemical composition is completely compatible with all tire components

### **ALL RETREAD METHODS CAN BE USED**

AirSeal conditions the casing and retards aging and important to the easy cleaning with water makes inspections easy. AirSeal is non-hazardous, non-flammable, does not present a disposal problem and has no compatibility problem