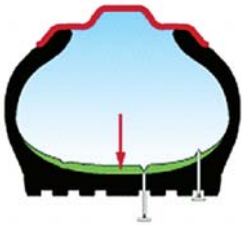


Punctures

RPS will seal punctures at the tread of tire up to a diameter of **14 millimeters**.

At the moment the puncture occurs, the **RPS** fibers enclose the object (for instance a nail) that caused the puncture thus preventing any pressure loss.

This will happen by each new penetration!



When the object is removed, upon driving the fibers are pressed into the hole due the combination of centrifugal force and vehicle weight, continuously deforming the tire. The originated canal becomes sealed the whole length.

Thanks to this kind of sealing, hardly any air escapes from the tire and an optimum and final sealing of the tire is achieved. It is also sealed against any ingress of water, dirt and snow.

The fibers retain their flexibility and are only sealing due to the twisting effect of these fibers.

Since RPS does not act on adhesive basis, the tire remains fully capable of repair and retreading.

Inadequate tire pressure



Too low tire pressure adversely affects the lifetime of your tires to a considerable extent and is the major reason of problems:



- Wear of increases considerably. This shortens the lifetime of tires.
- Under some circumstances, dents and cracks may occur at the rims.
- Flexibility of tire sidewalls undergoes much more stress which may cause rupture of bead heel cord and separation of junction between rubber, core material and steel components of tire.
- Too low tire pressure will increase fuel consumption.

Heat is fatal to your tires!

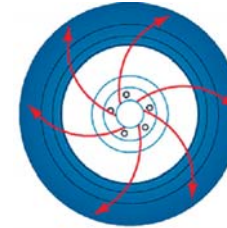
It considerably shortens the lifetime of tires.



In case of adequate tire pressure and RPS filled in, the heat is distributed over the entire tread of tire. As a consequence, the tire temperature decreases.

Preventing tire unbalance

RPS balances the tires hydrodynamically during rotation.



This is achieved by the fact that the product is uniformly distributed to the spots farthest away from the center of rotation, due to the influence of centrifugal force.

For what vehicle can **RPS** be used?

All vehicles up to 80 km/h !
qualified for tube type tires too

for example:

agricultural vehicles
construction machinery
wheel loaders
trucks
dredgers
trailers
fork lifts
car trailers

golf cars
mopeds
lawn mowers
bicycles
wheel chairs
sack barrows
wheel barrows