

Tubeless Sealing Ring

for Continental radial industrial TL-Tyres

Improved safety and mobility

Tubeless Sealing Ring



NEW!



Industrial Tires

Lift Up Your Business!

Continental 

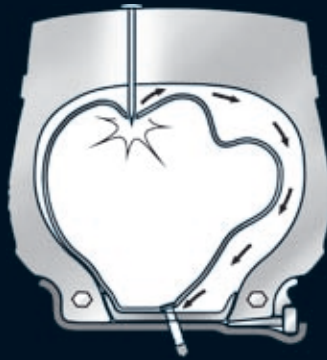
Tubeless Sealing Ring

Improved Safety and Mobility

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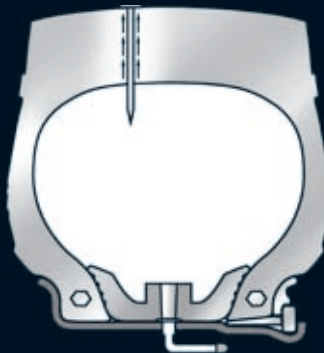


The TSR is a product which enables the mounting of tubeless industrial tyres on standard industrial vehicle rims, which, because of their construction, must normally be mounted with a tube and a flap. The TSR consists of a rubber ring with an integrated tyre inflation valve. The rubber ring sits on the cylindrical part of the rim between the beads of the tyre, and ensures an airtight interface sealing the tyre chamber, without the use of a tube and flap.



Disadvantages of Tubetype

- Rapid deflation upon puncture
 - Risk of load and equipment damage
 - Instant service failure and work stoppage
- Risk of valve rip-out



Advantages of Tubeless

- No sudden airloss upon puncture
 - Equipment remains mobile and productive
 - Elimination of sudden weight transfer results in improved vehicle stability
- Turning on the rim is not critical
- Low profile tyres have increased durability
- Simplified and quicker mounting
- Flap support in valve slot is not required
- Fewer parts than Tubetype

The Principle:

A rubber sealing ring is mounted inside the tyre between its beads.



11 Simple Mounting Steps



1 Lubricate bead area of tyre, as well as tyre interior at least up to middle of sidewall.



2 „Fold“ the TSR in half to create a figure „8“, and insert one loop into tyre as far as possible.



3 Rotate TSR to match the axis of the tyre.



4 Working around the tyre, press the TSR fully into position by pushing the TSR wings into the tyre. It is very important to ensure that the TSR lies symmetrically inside the tyre.



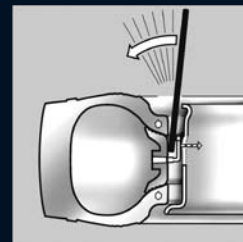
5 Lubricate the inner surface of the TSR, after it is in position inside the tyre.



6 Lubricate the rim.



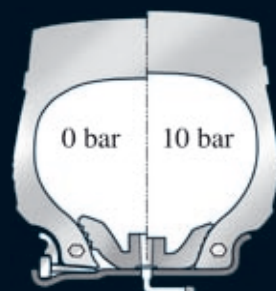
7 Align rim such that valve slot is in line with TSR valve as shown, and let tyre fall into position, whilst ensuring that valve remains centered in the slot.



8 Using a lever, push valve through valve slot. Be careful not to decentralise the TSR.



9 Continue to assemble the rim with all the standard rim part.



10 Inflation tyre to 1 bar and check positioning of all components, before continuing to inflate to 10 bar within an inflation cage using a remote tyre pressure gauge.



11 Attach the wheel to the vehicle according to the vehicle manufacturer's specifications.

TSR Sizes

Tire Size	Rim	TSR Article Name	TSR Article Nr.
5.00R8	3.00 D-8	TSR 3.00 TL8 TL CO	0793017
125/75R8	3.00 D-8, 3.25 I-8	TSR 3.00/3.25 TL8 TL CO	0793002
150/75R8	4.33 R-8	TSR 4.33 TL8 TL CO	0793003
180/70R8			
6.00R9	4.00 E-9	TSR 4.00 TL9 TL CO	0793004
6.50R10	5.00 F-10, 5.50 F-10	TSR 5.00/5.50 TL10 TL CO	0793005
225/75R10	6.50 F-10	TSR 6.50 TL10 TL CO	0793007
7.00R12	5.00 S-12	TSR 5.00 TL12 TL CO	0793001
250/75R12	8.0 G-12	TSR 8.00 TL12 TL CO	0793011
7.00R15	5.5-15	TSR 5.50 TL15 TL CO	0793006
7.50R15	6.0-15, 6.5-15	TSR 6.00/6.50 TL15 CO	0793008
8.25R15	6.5-15	TSR 6.50 TL15 CO	0793000
225/75R15	7.0-15	TSR 7.00 TL15 CO	0793009
250/70R15	7.0-15, 7.5-15	TSR 7.00/7.50 TL15 CO	0793015
315/70R15	8.0-15	TSR 8.00 TL15 TL CO	0793012
355/65R15	9.75-15	TSR 9.75 TL15 TL CO	0793014
10.00R20	7.5-R20	TSR 7.50 TL20 TL CO	0793010
11.00R20	8.0-20	TSR 8.00 TL20 CO	0793013
12.00R20	8.0-20, 8.5-20	TSR 8.00/8.50 TL20 CO	0793016

Important notes

TSR may only be used inside Continental industrial tyres which are compatible for use with the TSR. The words „*This tyre is compatible with the Continental TSR system*“ are printed on the tyre side wall.

Tyres designated for use with the TSR system may also be mounted with only a tube and flap.

The TSR system is in general not suitable for use with center split rims.

A new TSR with a maximum age of 3 years to be used everytime a tyre is mounted.

Do not re-use a TSR.

www.continental-industrial-tyres.com