air-flexx®

Valve extensions

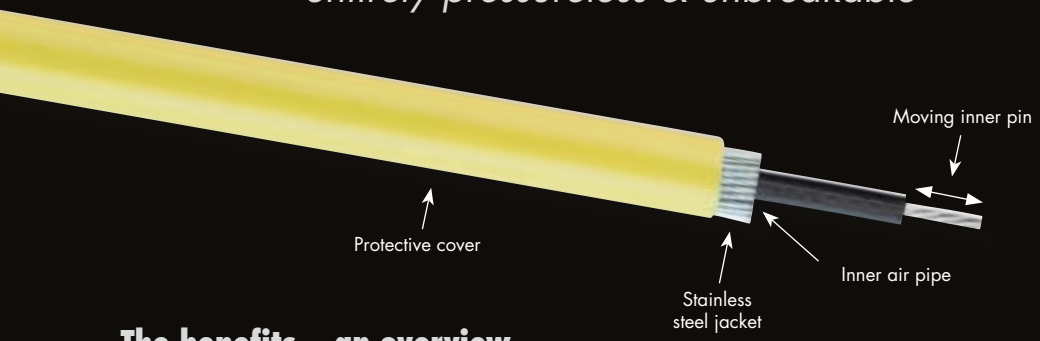
It always keeps up!

air-flexx® valve extensions

Top technology for the most extreme requirements, entirely pressureless & unbreakable

air-flexx
Flexible
valve extensions
- Pressurefree
- Unbreakable
- Extremly durable

DEKRA tested



The benefits – an overview

- ✔ pressureless
- ✔ unbreakable
- ✔ flexible
- ✔ don't require additional clamps/holders on the rim (up to an air-flexx® length of 215 mm)
- ✔ considerably reduced risk of flat tyres
- ✔ air pressure check possible at any time without removing hub caps from single wheels
- ✔ lower risk of accidents
- ✔ less fuel consumtion
- ✔ less tyre wear
- ✔ less repair downtime

pressureless & unbreakable

Length: 75, 85, 105, 145, 185, 215, 315, 415 or 1.000 mm

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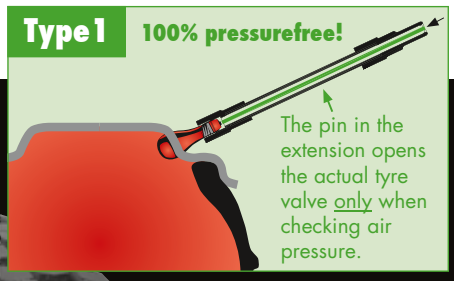
24 h safe on the road – and less expenses!

air-flexx
For a safer trip...

Valve extensions

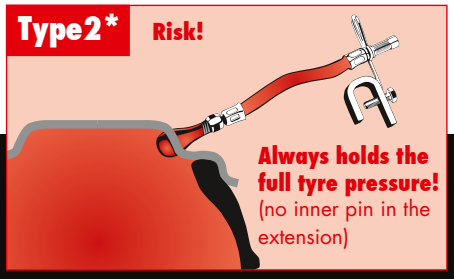
Fleet Check

Type 1 100% pressurefree!



The pin in the extension opens the actual tyre valve only when checking air pressure.

Type 2* Risk!



Always holds the full tyre pressure! (no inner pin in the extension)

Inner dual tyres
Valve extensions Type 1 und Type 2

Fewer tyre repairs!

Less fuel consumption!

Type / Material	**Type 1** **Air-Flexx** (flexible) Stainless steel/plastic	**Type 2*** **Rubber**	**Type 2*** **Braided rubber**	**Type 1** **Plastic** (rigid)	**Type 1** **Brass** (rigid)
Weight at approx. 150 mm length:	15 g	80 g	85 g	10 g	50 g
Quickest and safest fitment	✔ **Without clamp/ holder**	✘ **Only with clamp/ holder**	✘ **Only with clamp/ holder**	✔ **Without clamp/ holder**	✔ **Without clamp/ holder**
Pressurefree in operation	✔	✘	✘	✔	✔
Unbreakable, leak resistant when touching other material or when ageing.	✔	✘	✘	✘	✘
Consequences when damaged	**none**	**Risk!** Loss of air pressure.	**Risk!** Loss of air pressure.	**Risk!** Air pressure check becomes impossible.	**Risk!** Loss of air pressure or air pressure check becomes impossible.
✔ Correct fitment					
✘ **Risk! Flat!** Higher fuel consumption and faster tyre wear. 	 No risk! Multilayer with stainless steel jacket. Pressurefree.	 Loss of air pressure! Worn rubber extension.	 Loss of air pressure! Porous rubber under the metal braiding.	 Snapped! Air pressure check impossible.	 Sudden loss of air pressure! Valve ripped out due to foreign object hitting the extension.
✘ **Risk! Goes unnoticed!** Other tyres become over-loaded. Risk of an accident! 	 No risk! Flexible and unbreakable.	 Loss of air pressure! Ageing and high tempe-ratures cause porosity.	 Loss of air pressure! Leaking crimp joint at the rubber hose.	 Mispositioned! Rubs and can break.	 Risk of breaking! Worn metal!
✘ **Risk! Expensive!** Tyre needs to be replaced + vehicle will be down for service. 	 No risk! Even in the harshest environment, construction site.	 Loss of air pressure. Porous, unattached, material fatigue. Hits and rubs the rim/the rim hole. Crimp joint loosens.		 Worn! Under tension. Rubs and snaps.	 Snapped! Air pressure check impossible.
Conclusion	**Safe**	**With risks**	**With risks**	**With risks**	**With risks**

Less tyre wear!

Fewer tyre failures!

*** Type2 Important safety information:** Fitting "risky" valve extensions without the inner pin increases the air volume of the tyre. When fitting the extension, the valve core is removed from the tyre valve and the tyre pressure flows into the extension. That means that the extension holds the full tyre pressure immediately after its fitment and during operation. For millions of rotations it presents a high risk regarding an impact of a foreign object, cuts, wear, rip and snap damage, constant change of temperature, porosity, snow, salt, gravel and other conditions.