

MODEL all

#### Use of nitrogen or other alternatives

Gases (e.g. "Pneu Life", "Conti Airsafe" etc.) for filling inflatable tires.

**i** All Mercedes-Benz tires are filled with normal compressed air. Consequently all the properties of the vehicle or tires expected by the customer are met provided that the vehicle is operated with the recommended tire inflation pressure (see adhesive label on fuel filler flap or B-pillar).

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The use of these gases does not however excuse the customer from the regular tire inflation pressure check (see operator's manual), as on the one hand here the diffusion rate is also not equal to zero and on the other hand these gases cannot compensate or seal a cut or piercing damage to the tire. The improvement in comfort is marginal and is in the range of the perception limit.

Air consists of approx. 78% nitrogen, approx. 21% oxygen und approx. 1% of other gases. The pure nitrogen or other tire-filling gases which are offered on the free market have a slightly lower diffusion rate or leakage rate (larger gas molecule) and a slightly better damping characteristic.

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The expense is in no proportion to the achievable advantages, therefore the use of nitrogen or other tire-filling gases is not recommended by Mercedes-Benz. Our experience indicates that damage does not occur due to filling with nitrogen or other alternative gases on offer.