

## Datasheet Compressed air supplying hose DZS 9

**Designation:** Compressed air supply hose DZS 9 AK 2, 5 m

**Description:** The DZS 9 compressed air supply hose conducts the breathing air from the tapping point to the compressed air hose device.  
The hose is available in various individual lengths so that the length actually required in individual cases can also be assembled from hoses connected in series. Physiologically safe (food hoses). No hazardous substances that affect the breathing air are used in the manufacture of the hose.



Each hose is equipped with an automatic breathing air coupling and a corresponding AK2 plug-in nipple.

**Article-Number:** 941114

**Application:** Hoses are available in various individual lengths. If required, several hoses can be combined to achieve a greater hose range (maximum length 50m).

**Standards:** DIN EN 14593-1 Respiratory protective devices - Compressed airline breathing apparatus with demand valve  
DIN EN 14594 Respiratory protective devices - Compressed airline breathing apparatus with continuous air flow

**Identification color:** Breathing hose with black outer cover and longitudinal blue stripe

**Materials:** Outer cover Acrylonitrile butadiene rubber/ polyvinyl chloride  
Reinforcement Polyvinyl alcohol  
Breathing air coupling Nickel-plated  
Plug nipple Nickel-plated  
Hydraulic connection with stainless steel crimp sleeve

**Dimension:** Inner diameter 9.5 mm  
Outer diameter 19.5 mm  
Available lengths 5 m, 10 m, 15 m, 20 m, 30 m, 40 m, 50 m

**Bending radius:** 78 mm

**Weight:** approx. 1.43 kg

**Operating pressure:** 10 bar

**Burst pressure:** > 60 bar

**Resistance:** Good resistance to ageing and ozone. Ideal for use when cleaning tanks etc. or when the outer surface of the hose is exposed to adverse conditions.

Revision 07.2024 – Errors and omissions excepted. All data are non-binding guide values.

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Marking:	BARTELS RIEGER - DZS 9 - A T E M L U F T - EN 14593-1 / EN 14594 (CLASS B) H S F - mm-jjjjj - batchno
Heat resistance:	"H" according to EN 14593-1 / EN 14594, -30° C to +120° C
Buckling resistance:	according to EN 14593-1 / EN 14594
Dimensional stability:	according to EN 14593-1 / EN 14594
Flexibility:	according to EN 14593-1 / EN 14594
Tensile strength:	according to EN 14593-1 / EN 14594; >1,000 N with integrated couplings couplings
Antistatic:	"S" according to EN 14593-1 / EN 14594; 10 <sup>3</sup> - 108 Ohm; with integrated couplings
Flame resistant:	"F" according to EN 14593-1 / EN 14594

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