

Datasheet Compressed air supplying hose DZS 9

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| Designation: | Compressed air supply hose DZS 9 AK 2, 50m | |
| Description: | <p>The DZS 9 compressed air supply hose conducts the breathing air from the tapping point to the compressed air hose device.</p> <p>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.</p> <p>Each hose is equipped with an automatic breathing air coupling and a corresponding AK2 plug-in nipple.</p> | |
| Article-Number: | 941100 | |
| Application: | Hoses are available in various individual lengths. If required, several hoses can be combined to achieve a greater hose range. Various coupling systems enable versatile use. | |
| 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: | <p>Outer cover EPDM</p> <p>Reinforcement PVA</p> <p>Hydraulic connection with stainless steel crimp sleeve</p> | |
| Dimension: | <p>Inner diameter 9.5mm</p> <p>Outer diameter 19.5mm</p> <p>Available lengths 5 m, 10 m, 15 m, 20 m, 30 m, 40 m, 50 m</p> | |
| Bending radius: | 78mm | |
| Weight: | approx. 14.3 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 08.2023 – 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 ³ - 10 ⁸ Ohm; with integrated couplings |
| Flame resistant: | "F" according to EN 14593-1 / EN 14594 |

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