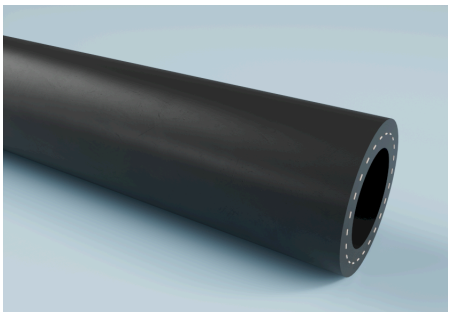
# ARIAFORM® / DIN

SKU: 3201

Robust TPE hose for water, air and oil-laden compressed air, resistant to UV, ozone and weathering, ideal for medium-duty applications in industry, construction and workshops.





## Technical specifications

### Medium

- Gas, Liquid

## Areas of application

### Applications

- Coating systems, Irrigation, Compressed air hose, Municipal vehicles, Air supply hose, Pneumatic tube, Water hose, Irrigation, Compressed air supply, Compressors, Low-pressure applications, Pneumatic conveying systems, Compressed air, Ultra-pure and process water, Process and fresh water conveying

### Industries

- Chemical industry
- Ceramic industry
- Paper industry
- Textile industry
- Agricultural industry
- Construction industry
- Horticulture
- Municipal services
- Mechanical engineering
- Cleaning industry
- Tobacco industry
- Automotive industry
- Machine tool industry
- Municipal vehicle industry
- Cleaning machine industry
- Environmental and cleaning technology
- Renewable energy industry
- Pump and compressor industry
- Screening machine industry
- Conveying and processing industry / bulk material technology
- Waste and recycling industry
- Pneumatic and hydraulic industry
- Silo and conveying technology industry
- Metal industry
- Mining industry

All information in this technical data sheet has been carefully checked; however, no warranty or liability can be accepted for the accuracy, completeness or up-to-dateness of the information provided. Positive pressure and vacuum are operating limit values at 20 °C. The bending radius is measured on the inside of the hose bend. Subject to technical changes.

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## Pressure and temperature

### Temperature normal range (min/max)

· -30 °C – 50 °C

## Material and colour

### Colour of inner tube core

· black

### Colour of outer coating

· black

### Material outer cover

· thermoplastic elastomer

### Material inner tube

· thermoplastic elastomer

## Durability and standards

### Durability inner tube core

· Resistant to oil-containing compressed air

### Standards

· DIN 20018

### Durability outer cover

· Ozone-resistant, UV resistant, Age-resistant, Weather resistant

## Design and production

### Construction outer cover

· Smooth

### Inserts

· polyester plies

### Inner tube

· Smooth

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| Inner diameter [ mm ] | Outer diameter [ mm ] | Max. operating pressure air [ bar ] | Max. operating pressure water [ bar ] | Burst pressure [ bar ] | Total wall thickness [ mm ] | Bending radius [ mm ] | Max. production length [ m ] | Weight [ kg ] | Article Number |
|---|---|---|---|---|---|---|---|---|---|
| 6 | 13 | 10 | 16 | 54 | 3.5 | 50 | 40 | 0.14 | 3201006000 |
| 8 | 15 | 10 | 16 | 54 | 3.5 | 65 | 40 | 0.175 | 3201008000 |
| 9 | 16 | 10 | 16 | 54 | 3.5 | 70 | 40 | 0.19 | 3201009000 |
| 10 | 19 | 10 | 16 | 54 | 4.5 | 70 | 40 | 0.28 | 3201010000 |
| 13 | 23 | 10 | 16 | 54 | 5 | 80 | 40 | 0.425 | 3201013000 |
| 15 | 27 | 10 | 16 | 54 | 6 | 100 | 40 | 0.54 | 3201015000 |
| 19 | 31 | 10 | 16 | 54 | 6 | 150 | 40 | 0.61 | 3201019031 |
| 25 | 39 | 10 | 16 | 54 | 7 | 185 | 40 | 0.88 | 3201025000 |

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