

# 201

## No-Skive Airbrake

SAE 100R5 – SAE J1402AII

### Primary Applications

Transportation: Air brake hose

General: Low pressure applications

### Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

### Applicable Specifications

SAE 100R5, SAE J1402AII, D. O. T. FMVSS 106-AII

### Construction

Inner tube: Synthetic rubber

Reinforcement: One fibre braid  
One high-tensile steel wire braid

Cover: Rubber layer and textile braided cover

Temperature Range ..... -40 °C up to +150 °C

Exception: Air ..... max. +70 °C

Water ..... max. +85 °C



- Textile braided cover
- **No-Skive** hose construction
- 150 °C working temperature

### Recommended Fluids

Petroleum based hydraulic fluids, water-glycol and water-oil emulsion hydraulic fluids, grease, lubricants, crude and fuel oils, air and water.

Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

### Fitting Series



| Part Number | Hose I.D. |      |      | Hose O.D. |                       |      | Pressure Rating     |       |    |     | Vacuum* | min. bend radius | weight |
|-------------|-----------|------|------|-----------|-----------------------|------|---------------------|-------|----|-----|---------|------------------|--------|
|             | Inch      | Size | mm   | mm        | max. working pressure |      | min. burst pressure |       |    |     |         |                  |        |
|             |           |      |      |           | MPa                   | psi  | MPa                 | psi   |    |     |         |                  |        |
| 201-4       | 3/16      | -4   | 5.0  | 12.2      | 20.7                  | 3000 | 83.0                | 12000 | 95 | 75  | 0.22    |                  |        |
| 201-5       | 1/4       | -5   | 6.3  | 14.8      | 20.7                  | 3000 | 83.0                | 12000 | 95 | 85  | 0.27    |                  |        |
| 201-6       | 5/16      | -6   | 8.0  | 17.2      | 15.5                  | 2250 | 62.0                | 9000  | 95 | 100 | 0.34    |                  |        |
| 201-8       | 13/32     | -8   | 10.0 | 19.5      | 13.8                  | 2000 | 55.0                | 8000  | 95 | 120 | 0.40    |                  |        |
| 201-10      | 1/2       | -10  | 12.5 | 23.4      | 12.0                  | 1750 | 48.0                | 7000  | 95 | 140 | 0.55    |                  |        |
| 201-12      | 5/8       | -12  | 16.0 | 27.4      | 10.3                  | 1500 | 41.0                | 6000  | 95 | 165 | 0.68    |                  |        |
| 201-16      | 7/8       | -16  | 22.0 | 31.4      | 5.5                   | 800  | 22.0                | 3200  | 67 | 185 | 0.68    |                  |        |
| 201-20      | 1 1/8     | -20  | 29.0 | 38.1      | 4.3                   | 625  | 17.0                | 2500  | 67 | 230 | 0.76    |                  |        |
| 201-24      | 1 3/8     | -24  | 35.0 | 44.5      | 3.5                   | 500  | 14.0                | 2000  | 51 | 265 | 1.01    |                  |        |
| 201-32      | 1 13/16   | -32  | 46.0 | 56.4      | 2.4                   | 350  | 10.0                | 1400  | 37 | 335 | 1.32    |                  |        |

\* The vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101kPa. The combination of high temperature and high pressure could reduce the hose life. The maximum working pressures shown in the table are for service up to a maximum temperature of 100 °C. For use at higher temperatures, consult the pressure/temperature curve in section A for the reduced maximum working pressure.

Hose layline example

**Parker** 201-6 AIR BRAKE DOT XXXXX AII 8 mm (5/16) SAE J1402 DOT XXXXX AII WP 15,7 MPa (2250 PSI) DOT XXXXX AII SA