

213

No-Skive High Temperature

For engines and compressed air systems



- *No-Skive* hose construction
- Ideal for high-temperature and small bend radii applications
- Compatible with a large range of fluids

Primary Applications

Transportation: Air brake hose
Compressors: Compressed air hose

Type Approvals

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

Applicable Specifications

SAE J1402AI, D.O.T. FMVSS 106-AI

Construction

Inner tube: PKR synthetic rubber
Reinforcement: One fibre braid
One high-tensile steel wire braid
Cover: Rubber layer and
black textile braided cover
include 2 green strips

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.

Temperature Range -45 °C up to +150 °C

Exception: Air max. +100 °C
Water max. +85 °C

Fitting Series



| Part Number | Hose I.D. | | | Hose O.D. mm | Pressure rating | | | | min. bend radius mm | weight kg |
|-------------|-----------|------|------|-----------------|-----------------------|------|---------------------|------|------------------------|--------------|
| | Inch | Size | mm | | max. working pressure | | min. burst pressure | | | |
| | | | | | MPa | psi | MPa | psi | | |
| 213-4 | 3/16 | -4 | 5.0 | 12.5 | 13.8 | 2000 | 55.0 | 8000 | 20 | 0.18 |
| 213-5 | 1/4 | -5 | 6.3 | 14.1 | 10.3 | 1500 | 41.0 | 6000 | 25 | 0.21 |
| 213-6 | 5/16 | -6 | 8.0 | 15.7 | 10.3 | 1500 | 41.0 | 6000 | 30 | 0.25 |
| 213-8 | 13/32 | -8 | 10.0 | 18.7 | 8.6 | 1250 | 34.0 | 5000 | 45 | 0.30 |
| 213-10 | 1/2 | -10 | 12.5 | 21.1 | 6.9 | 1000 | 28.0 | 4000 | 55 | 0.33 |
| 213-12 | 5/8 | -12 | 16.0 | 24.3 | 5.2 | 750 | 21.0 | 3000 | 70 | 0.36 |
| 213-16 | 7/8 | -16 | 22.0 | 30.6 | 2.8 | 400 | 11.0 | 1600 | 90 | 0.45 |
| 213-20 | 1 1/8 | -20 | 29.0 | 37.8 | 2.1 | 300 | 8.0 | 1200 | 115 | 0.65 |
| 213-24 | 1 3/8 | -24 | 35.0 | 44.0 | 1.7 | 300 | 8.0 | 1200 | 190 | 0.73 |
| 213-32 | 1 13/16 | -32 | 46.0 | 54.5 | 1.4 | 200 | 5.5 | 800 | 355 | 1.00 |

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 213-16 WP 2,8 MPa [400 PSI] 22 mm [7/8] 3Q88 ————— PARKER 213-16 WP 2,8