# 424

*No-Skive*

Phosphate ester resistant hose




- *No-Skive* thin cover hose construction
- SAE 100R1 pressure rating
- Phosphate ester and weather resistant,green, EPDM synthetic rubber cover

## Primary Applications

Aerospace, foundries, steel mills:
Medium pressure hydraulic applications with phosphate ester fluids

## Applicable Specifications

Parker specification

## Restrictions

Do not allow tube to contact any petroleum base fluids.
Use liquid soap as hose lubricant.

## Construction

| | |
|---|---|
| Tube: | EPDM synthetic rubber |
| Reinforcement: | One high-tensile steel wire braid |
| Cover: | Phosphate ester and weather resistant, green, EPDM synthetic rubber cover |

## Temperature Range ..... -40 °C up to +80 °C

| | |
|---|---|
| Exception: | Air ..... max. +70 °C |
| | Water, water glycol fluids .. max. +85 °C |

## Recommended Fluids

Phosphate ester based hydraulic fluids, water-glycol based fluids, air and water.
Consult the chemical compatibility section on pages ***Ab-22*** to ***Ab-30*** for more detailed information.

## Fitting Series

43

| Part Number | Hose I.D. | | | | Hose O.D. | Pressure Rating: max. working pressure | | Pressure Rating: min. burst pressure | | min. bend radius | weight |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | DN | Inch | Size | mm | mm | MPa | psi | MPa | psi | mm | kg |
| 424-16 | 25 | 1 | -16 | 25.4 | 36.0 | 6.9 | 1000 | 28.0 | 4000 | 300 | 0.94 |
| 424-20 | 31 | 1 1/4 | -20 | 31.8 | 45.0 | 4.3 | 625 | 17.0 | 2500 | 420 | 1.19 |
| 424-24 | 38 | 1 1/2 | -24 | 38.1 | 51.0 | 3.5 | 500 | 14.0 | 2000 | 500 | 1.49 |
| 424-32 | 51 | 2 | -32 | 50.8 | 64.6 | 2.4 | 375 | 10.0 | 1500 | 630 | 2.23 |

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

Parker NO-SKIVE 424-8 WP 13,8 MPa (2000 PSI) 12,5 mm (1/2) X 1W 2Q98





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