

## 304

### No-Skive

Phosphate ester resistant hose

#### 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

Inner tube: EPDM synthetic rubber

Reinforcement: Two high-tensile steel wire braids

Cover: EPDM synthetic rubber green,  
phosphate ester and weather resistant

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

Exception: Air ..... max. +70 °C

Water, water glycol fluids .. max. +85 °C



- **No-Skive** thin cover hose construction
- Phosphate ester and weather resistant, green, EPDM synthetic rubber cover
- SAE 100R2 pressure rating

#### Recommended Fluids

Phosphate ester based hydraulic fluids, water-glycol based fluids, air and water.

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

#### Fitting Series

Series 43 for sizes -4 up to -32

Series 48 for sizes -20 up to -32



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
304-4	6	1/4	-4	6.4	15.0	34.5	5000	138.0	20000	100	0.39
304-6	10	3/8	-6	9.5	19.0	27.5	4000	110.0	16000	130	0.55
304-8	12	1/2	-8	12.7	22.0	24.0	3500	96.0	14000	180	0.67
304-12	19	3/4	-12	19.1	30.0	15.5	2250	62.0	9000	240	1.00
304-16	25	1	-16	25.4	38.0	13.8	2000	55.0	8000	300	1.49
304-20	31	1 1/4	-20	31.8	48.0	11.2	1625	45.0	6500	420	1.73
304-24	38	1 1/2	-24	38.1	55.0	8.6	1250	35.0	5075	500	2.14
304-32	51	2	-32	50.8	68.0	7.8	1125	31.0	4500	630	2.96

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

#### Hose layline example

**Parker** NO-SKIVE 304-8 WP 24,0 MPa (3500 PSI) 12,5 mm (1/2) X 2W 3Q78