

Medium Pressure Phosphate Ester

Parkrimp No-Skive Hose 424

424

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

Tube: EPDM synthetic rubber

Reinforcement: One high-tensile steel wire braid

Cover: Phosphate ester and weather resistant, green, EPDM synthetic rubber cover



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

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.

Temperature Range -40 °C up to +80 °C

Exception: Air max. +70 °C

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

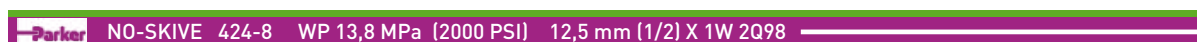
Fitting Series



Part Number	Hose I.D.				Hose O.D.	Pressure Rating				min. bend radius	weight
	DN	Inch	Size	mm	mm	max. working pressure	min. burst pressure				
						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



Ca-13

Catalogue 4400/UK

Hose