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

Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark