426

No-Skive

SAE 100R1AT high temperature

- *No-Skive* thin cover hose construction
- SAE 100R1 pressure rating
- Ideal for high temperature applications

Primary Applications

Medium pressure hydraulic applications at high temperature

Type Approvals

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

Applicable Specifications

SAE 100 R1AT

Construction

Inner tube: PKR synthetic rubber
Reinforcement: One high-tensile steel wire braid
Cover: Synthetic rubber , blue

Temperature Range ..... -46 °C up to +150 °C

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

Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, 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 -6
Series 48 for sizes -8 up to -32

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
426-4-RL	6	1/4	-4	6.4	13.4	19.2	2750	77.0	11000	100	0.24
426-6-RL	10	3/8	-6	9.5	17.4	15.7	2250	63.0	9000	125	0.34
426-8-RL	12	1/2	-8	12.7	20.7	14.0	2000	56.0	8000	180	0.43
426-10-RL	16	5/8	-10	15.9	23.9	10.5	1500	42.0	6000	200	0.49
426-12-RL	19	3/4	-12	19.1	27.8	8.7	1250	35.0	5075	240	0.65
426-16-RL	25	1	-16	25.4	35.8	7.0	1000	28.0	4000	300	0.98
426-20	31	1 1/4	-20	31.8	45.0	4.3	625	17.2	2500	420	1.40
426-24	38	1 1/2	-24	38.1	51.0	3.5	500	14.0	2000	500	1.46
426-32	51	2	-32	50.8	64.0	2.6	375	10.4	1500	630	2.18

The combination of high temperature and high pressure could reduce the hose life.
RL = only available on reels.

Hose layline example

Parker NO-SKIVE 426-8 WP 14,0 MPa (2000 PSI) MSHA XXXX SAE 100R1AT-8 HI-TEMP 12,5 mm (1/2) 1Q03