F42

No-Skive Multispiral

For phosphate ester base fluids



- *No-Skive* hose construction
- Phosphate ester and weather resistant, green, EPDM synthetic rubber cover
- Constant working pressure of 42.0 MPa

Primary Applications

Test stands for aerospace, foundries, steel mills, high 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: Phosphate ester resistant EPDM synthetic rubber
Reinforcement: Four or six spirals high-tensile steel wire
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 ..... 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-26*** to ***Ab-34*** for more detailed information.

Fitting Series

70

Series 70 only for size -8
Size -12 up to size -20 on request

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
F42-8	12	1/2	-8	12.7	25.0	42.0	6000	168.0	24000	200	0.83
F42-12	19	3/4	-12	19.1	31.9	42.0	6000	168.0	24000	265	1.53
F42-16	25	1	-16	25.4	38.5	42.0	6000	168.0	24000	330	2.08
F42-20	31	1 1/4	-20	31.8	50	42.0	6000	168.0	24000	445	3.96

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

Parkrimp Hose

Hose layline example

Parker NO-SKIVE F42-20 WP 42,0 MPa (6000 PSI) 31,5 mm (1 1/4) 1Q07

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