

422

WORLDWIDE *No-Skive*
ISO 1436 1SN



Primary Applications

General medium pressure hydraulic applications

Type Approvals

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

Applicable Specifications

ISO 1436 – EN 853 1SN – SAE 100R1AT

Construction

Tube: Nitrile (NBR)
Reinforcement: One high-tensile steel wire braid
Cover: Synthetic rubber

Temperature Range -40 °C up to +100 °C

Exception: Air max. +70 °C
Water max. +85 °C

- Meets ISO 1436
- Worldwide availability
- Worldwide consistent appearance, part number and functionality
- *No-Skive* thin cover hose construction
- Nitrile (NBR) inner tube
– extended fluid compatibility

Recommended Fluids

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1.7 MPa, the hose cover must be pin-pricked.

Consult the chemical compatibility section on pages **Ab-22** to **Ab-30** for more detailed information.

Fitting Series



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		
422-4	6	1/4	-4	6.4	13.4	22.5	3250	90.0	13000	100	0.24
422-5	8	5/16	-5	7.9	15.0	21.5	3125	86.0	12500	115	0.27
422-6	10	3/8	-6	9.5	17.4	18.0	2600	72.0	10400	130	0.34
422-8	12	1/2	-8	12.7	20.7	16.0	2325	64.0	9300	180	0.43
422-10	16	5/8	-10	15.9	23.9	13.0	1875	52.0	7500	200	0.49
422-12	19	3/4	-12	19.1	27.8	10.5	1525	42.0	6100	240	0.63
422-16	25	1	-16	25.4	35.8	8.8	1275	35.0	5075	300	0.94
422-20	31	1 1/4	-20	31.8	44.8	6.3	900	25.2	3600	420	1.19
422-24	38	1 1/2	-24	38.1	51.1	5.0	725	20.0	2900	500	1.49
422-32	51	2	-32	50.8	64.7	4.0	575	16.0	2300	630	2.23

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

Hose layline example

Parker 422/421-8 Worldwide WP 16,0 MPa (2325 PSI) ISO 1436-1/1SN / SAE 100R1 12,5 mm (1/2) X 1W 2Q05 MADE

