422

WORLDWIDE *No-Skive*
ISO 1436 1SN



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

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

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
48

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
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

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