302

WORLDWIDE *No-Skive*
EN 853 2SN – ISO S 1436



- Meets ISO 1436
- Worldwide availabilty
- Worldwide consistent appearance, part number and functionality
- *No-Skive* thin cover hose construction
- Extended fluid compatibility (including biodegradable oils)

Primary Applications
General medium pressure hydraulic applications

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

Applicable Specifications
EN 853 2SN – ISO S 1436 – SAE 100R2AT

Construction
Tube: Nitrile (NBR)
Reinforcement: Two high-tensile steel wire braids
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
302-4	6	1/4	-4	6.4	15.0	40.0	5800	160.0	23200	100	0.39
302-5	8	5/16	-5	7.9	16.6	35.0	5075	140.0	20300	115	0.42
302-6	10	3/8	-6	9.5	19.0	33.0	4775	132.0	19100	130	0.55
302-8	12	1/2	-8	12.7	22.2	27.5	4000	110.0	16000	180	0.67
302-10	16	5/8	-10	15.9	25.4	25.0	3600	100.0	14500	200	0.77
302-12	19	3/4	-12	19.1	29.3	21.5	3100	86.0	12400	240	1.00
302-16	25	1	-16	25.4	38.1	16.5	2400	66.0	9600	300	1.49
302-20	31	1 1/4	-20	31.8	47.5	12.5	1800	50.0	7200	420	1.73
302-24	38	1 1/2	-24	38.1	55.0	9.0	1300	36.0	5200	500	2.14
302-32	51	2	-32	50.8	67.0	8.0	1150	32.0	4600	630	2.96

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

Hose layline example

Parker 302/301-8 Worldwide WP 28,0 MPa (4000 PSI) ISO 1436-1/2SN / SAE 100R2 12,5 mm (1/2) X 2W 2Q05 MADE IN

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