

Medium Pressure Standard

Parkrimp No-Skive Hose 302

302

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

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



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

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		
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



Ca-3

Catalogue 4400/UK

Hose