

Medium Pressure
Suction

Parkrimp No-Skive Hose
811

811

No-Skive Suction and Return Line
SAE 100R4

Primary Applications

All Markets: General applications

Type Approvals

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

Construction

Tube: Synthetic rubber

Reinforcement: Two fibre spiral, one helical wire

Cover: Oil and weather resistant
synthetic rubber



- **No-Skive** hose construction
- Helical wire to prevent collapse under vacuum
- Small bend radii

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.

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

Fitting Series

Up to size - 32



For size -40 and -48 fittings series on request

Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating		Vaccum*	min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	min. burst pressure MPa			
811-12	19	3/4	-12	19.1	30.0	2.1	300	8.3	1200	85
811-16	25	1	-16	25.4	38.0	1.7	250	6.9	1000	85
811-20	31	1 1/4	-20	31.8	45.0	1.4	200	5.5	800	85
811-24	38	1 1/2	-24	38.1	52.0	1.0	150	4.1	600	85
811-32	51	2	-32	50.8	64.0	0.7	100	2.8	400	85
811-40	63	2 1/2	-40	63.5	75.0	0.4	62	1.6	248	85
811-48	76	3	-48	76.2	90.0	0.4	62	1.6	248	85
									230	3.20

*1 = the vacuum values listed in the table are vacuum pressure values in kPa. For an absolute value subtract the table value from 101 kPa.

** size -12 and size -16 = on Parkrimp 2 crimping press or adjustable crimpers only.

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

Hose layline example

PARKER 811-12 SUCTION HOSE SAE 100R4-12 19 mm (3/4) 3Q81

PARKER 811-12 SUC



Ca-34

Catalogue 4400/UK