

# 811S

## No-Skive Suction and Return Line

Exceeds SAE 100R4



- **No-Skive** hose construction
- Helical wire to prevent collapse under vacuum
- Small bend radii
- Isobaric 1.0 MPa for all sizes

### Primary Applications

All Markets: General applications

### Type Approvals

For size -64 and -80, details please find on pages **Ab-16** to **Ab-19**

### Construction

Inner tube: Synthetic rubber  
Reinforcement: Two fibre spiral, one helical wire  
Cover: Synthetic rubber  
oil and weather resistant

### Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water.  
Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.






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

Exception: Air ..... max. +70 °C

Water ..... max. +85 °C

### Fitting Series



Part Number	 Hose I.D.		 Hose O.D.	Pressure Rating				 min. bend radius
	Size	mm	mm ± 1.6	 max. working pressure		 min. burst pressure		
				MPa	psi	MPa	psi	
811S-40	-40	63.5	75.0	1.0	145	4.0	580	240
811S-48	-48	76.2	90.0	1.0	145	4.0	580	300
811S-56	-56	88.9	106.0	1.0	145	4.0	580	360
811S-64	-64	101.6	116.0	1.0	145	4.0	580	400
811S-80	-80	127.0	142.0	1.0	145	4.0	580	500
811S-96	-96	152.4	172.0	1.0	145	4.0	580	600

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

### Hose layline example

**Parker** 811S-40 SUCTION AND RETURN LINE HOSE - (MC25) - Exceed SAE 100R4 - 63.5 mm (2"1/2) Q/Y