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

Tube: Synthetic rubber
Reinforcement: Two fibre spiral, one helical wire
Cover: Oil and weather resistant 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.
Consult the chemical compatibility section on pages ***Ab-22*** to ***Ab-30*** for more detailed information.

Fitting Series

on request

Part Number	Hose I.D.		Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius
	Size	mm	mm ± 1.6	MPa	psi	MPa	psi	mm
811S-32	-32	50.8	64.0	1.0	145	4.0	580	200
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

Hose layline example

Parker 811S-40 SUCTION AND RETURN LINE HOSE - (MC25) - Exceed SAE 100R4 – 63.5 mm (3"1/2) Q/Y

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