

SGB 100 RAIL

Suction hose, exceeds SAE 100 R4, Rail

HANSA FLEX

Last updated: 15/06/2026

Properties

Inner tube	oil resistant, synthetic rubber
Reinforcement	Two high-tensile textile inserts and an embedded spring steel spiral, copper wire to dissipate the electrostatic charge.
Cover	synthetic rubber flame-retarding.
Application	rail vehicles Suction and return lines with tight installation conditions.
Colour	black
Media	mineral oil poly-glycol based oil water (0 °C to +85 °C) Air (up to +75°C).
Standard	SAE 100 R4 EN 45545-2
Temp. max.	125 °C
Temp. min.	-40 °C
Customs tariff number	40092100



The product image may differ

Note

The recommended flow velocity for media in suction hoses is a maximum 1m/s.

Items

Identification	DN*	Inch	Size	Inside Ø (mm)	Outside Ø (mm)	Vacuum (bar)	Burst pressure (bar)	Bend radius min. (mm)
SGB 120 RAIL	19	3/4"	12	19	32.6	-0.8	84	40
SGB 125 RAIL	25	1"	16	25.4	38.2	-0.8	68	45
SGB 132 RAIL	31	1.1/4"	20	32	46	-0.8	56	60
SGB 140 RAIL	38	1.1/2"	24	38	52.4	-0.8	40	65
SGB 150 RAIL	51	2"	32	50.8	66	-0.8	28	100
SGB 163 RAIL	63	2.1/2"	40	63.5	79.1	-0.8	16	140
SGB 176 RAIL	76	3"	48	76.2	95	-0.8	16	180

DN = nominal diameter, nominal width

Burst pressure: safety factor = 4:1.