

# SG 100 RI

Suction hose

**HANSA FLEX**

## Properties

<b>Application</b>	Hose for suction and return lines
<b>Special features</b>	chequered outer cover
<b>Standard</b>	similar to SAE 100 R4
<b>Inner layer</b>	oil resistant synthetic rubber
<b>Insert</b>	two high tensile textile inserts and one spring steel spiral
<b>Outer layer</b>	synthetic rubber
<b>Colour</b>	black
<b>Temp. min.</b>	-40 °C
<b>Temp. max.</b>	80 °C
<b>Media</b>	Mineral oil Water-glycol emulsions Water-oil emulsions



## Note

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

## Item

Identification	DN*	Size	Inches	Internal Ø (mm)	External Ø (mm)	Burst pressure (bar)	Vacuum (bar)	Min. bending radius (mm)
SG 120 RI	19	12	3/4"	19,0	29	30	-0,9	50
SG 125 RI	25	16	1"	25,4	34	30	-0,9	60
SG 132 RI	31	20	1.1/4"	32,0	42	30	-0,9	75
SG 140 RI	38	24	1.1/2"	38,0	48	30	-0,9	100
SG 150 RI	51	32	2"	50,8	62	30	-0,9	130
SG 160 RI	60	40	2.3/8"	60,0	72	30	-0,9	165
SG 163 RI	63	40	2.1/2"	63,5	75	30	-0,9	175
SG 176 RI	76	48	3"	76,2	89	30	-0,9	210
SG 190 RI	90	56	3.1/2"	90,0	103	21	-0,9	270
SG 1102 RI	100	64	4"	101,6	116	21	-0,9	300
SG 1127 RI	125	80	5"	127,0	142	12	-0,9	400
SG 1152 RI	150	96	6"	152,4	169	12	-0,9	600
SG 1203 RI	200	128	8"	203,0	223	12	-0,8	810

DN = Nominal diameter, nominal width – Burst pressure: Safety factor = 3:1