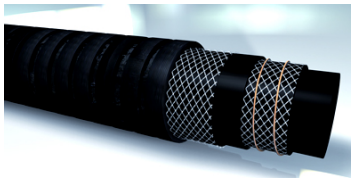
SG 100 RI
Suction hose

Properties



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

Despite careful checking, we cannot guarantee the accuracy of all information included on this site, and we accept no liability.