SGB 100
Suction hose

HANSA-FLEX

Properties

Application	Hose for suction and return lines with restricted installation space
Standard	similar to SAE 100 R4
Inner layer	oil resistant synthetic rubber
Insert	two high tensile textile inserts and one embedded spring steel spiral
Outer layer	synthetic rubber with high ozone, abrasion, and weather resistance
Colour	black
Temp. min.	-40 °C
Temp. max.	100 °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)
SGB 120	19	12	3/4"	19,0	29	63	-0,8	40
SGB 125	25	16	1"	25,4	35	51	-0,8	55
SGB 132	31	20	1.1/4"	32,0	42	42	-0,8	70
SGB 140	38	24	1.1/2"	38,0	50	30	-0,8	80
SGB 145	45	28	1.3/4"	45,0	56	30	-0,8	100
SGB 150	51	32	2"	50,8	62	30	-0,8	100
SGB 160	60	40	2.3/8"	60,0	72	30	-0,8	145
SGB 163	63	40	2.1/2"	63,5	75	30	-0,8	170
SGB 170	70	44	2.3/4"	70,0	82	30	-0,8	210
SGB 176	76	48	3"	76,2	88	30	-0,8	225
SGB 180	80	50	3.1/8"	80,0	94	30	-0,8	240
SGB 1102	100	64	4"	102,0	116	30	-0,8	305
SGB 1110	110	69	4.3/8"	110,0	125	30	-0,6	335
SGB 1127	125	80	5"	127,0	145	30	-0,6	460
SGB 1152	150	96	6"	152,0	170	30	-0,6	580

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.