

Properties

Inner tube	oil resistant, synthetic rubber
Reinforcement	two high-tensile textile braids and one embedded spring steel wire spiral
Cover	synthetic rubber with high ozone, abrasion, and weather resistance
Application	hose for suction and return lines with restricted installation space
Colour	black
Media	mineral oil water-glycol emulsions water-oil-emulsions
Standard	EXCEEDS SAE 100 R4
Temp. max.	100 °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 116	16	5/8"	10	16	26	-0.8	63	35
SGB 120	19	3/4"	12	19	29	-0.8	63	40
SGB 125	25	1"	16	25.4	35	-0.8	51	55
SGB 132	31	1.1/4"	20	32	42	-0.8	42	70
SGB 140	38	1.1/2"	24	38	50	-0.8	30	80
SGB 145	45	1.3/4"	28	45	56	-0.8	30	100
SGB 150	51	2"	32	50.8	62	-0.8	30	100
SGB 160	60	2.3/8"	38	60	72	-0.8	30	145
SGB 163	63	2.1/2"	40	63.5	75	-0.8	30	170
SGB 170	70	2.3/4"	44	70	82	-0.8	30	210
SGB 176	76	3"	48	76.2	88	-0.8	30	225
SGB 180	80	3.1/8"	50	80	94	-0.8	30	240
SGB 1102	102	4"	64	102	116	-0.8	30	305
SGB 1110	110	4.3/8"	69	110	125	-0.6	30	335
SGB 1127	127	5"	80	127	145	-0.6	30	460
SGB 1152	152	6"	96	152	170	-0.6	30	580

DN = nominal diameter, nominal width

Burst pressure: safety factor = 3:1