

High pressure rubber hoses SAE 100 R2 AT – EN 853 – DIN 20022 – 15 N, with female, straight BSP – connections, suitable for the supply of grease. Ideal for the connection on pumps or hose reels.

Internal structure and coating: oil-resistant, synthetic rubber.

Reinforcement: 2 steel wire braided, highly resistant layers.

Cover coat: black synthetic rubber, oil-resistant and resistant to atmospheric influences.



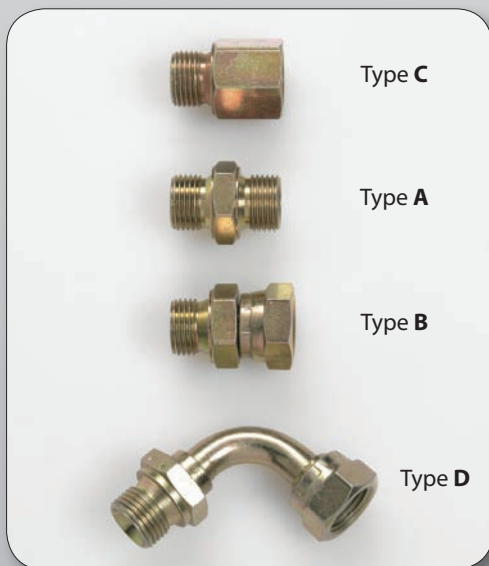
HOW TO ORDER

Length	Ø 1/4" Art. no.	Ø 3/8" Art. no.	Ø 1/2" Art. no.	Ø 3/4" Art. no.	Ø 1" Art. no.	Ø 1 1/4" Art. no.
1 m	4501	47001	4801	28901	289501	281401
1,5 m	45015	47015	48015	289015	2895015	2814015
2 m	4502	4702	4802	28902	289502	281402
3 m	4503	4703	4803	28903	289503	281403
5 m	4505	4705	4805	28905	289505	281405
6 m	4506	4706	4806	28906	289506	281406
10 m	4510	4710	4810	28910	289510	281410
15 m	4515	4715	4815	28915	289515	281415
20 m	4520	4720	4820	28920	289520	281420
25 m	-	4725	4825	28925	289525	281425
30 m	-	4730	4830	28930	289530	281430
35 m	-	4735	4835	28935	289535	281435
40 m	-	4740	4840	28940	289540	281440

Other lengths available on demand!

TECHNICAL DATA

Nominal diameter	Ø 1/4"	Ø 3/8"	Ø 1/2"	Ø 3/4"	Ø 1"	Ø 1 1/4"
Internal diameter (mm)	6,4 mm	9,5 mm	12,7 mm	19 mm	25,4 mm	31,8 mm
Wire braid diameter (mm)	12,7 mm	16,7 mm	19,8 mm	25,4mm	33,3 mm	40,5 mm
External diameter (mm)	15 mm	19 mm	22,2 mm	27,7 mm	35,6 mm	43,5 mm
Working pressure (bar)	400 bar	330 bar	275 bar	105 bar	88 bar	63 bar
Burst pressure (bar)	1600 bar	1320 bar	1100 bar	420 bar	350 bar	250 bar
Min bending radius (mm)	100 mm	130 mm	180 mm	240 mm	300 mm	420 mm
Working temperature	min -40°C, max +100°C	min -40°C, max +100°C	min -40°C, max +100°C	min -40°C, max +100°C	min -40°C, max +100°C	min -40°C, max +100°C
Weight (kg/m)	0,36 kg/m	0,53 kg/m	0,63 kg/m	0,61 kg/m	0,94 kg/m	1,19 kg/m



Type C

Art. no. **9911** 1/2" x 3/8"

Type A

Type A

Double male connection adapter, BSP, galvanized steel.

Art. no. **9912** 1/2" x 1/4"

Art. no. **4223** 1/4" x 1/4"

Type B

Type B

Male – female swivel connection adapter, BSP, galvanized steel.

Art. no. **4229** 1/4" x 1/4"

Type D

Type C

Male – female connection adapter, BSP, galvanized steel.

Art. no. **9905** 1/2" x 1/4"

Art. no. **9906** 1/2" x 3/8"

Art. no. **4231** 1/4" x 1/4"

Type D

90°- curved male – female connection adapter, BSP, galvanized steel.

Art. no. **4232** 1/4" x 1/4"

Automatic, spring – driven hose reel, standard series, in painted steel, including rubber hoses SAE 100 R2 AT with female connection threads, suitable for the supply of grease at high pressure.



Art. no.	Ø hose	Length hose	Max working pressure	Reel width	Ø reel	Art. no. suitable swivel bracket	Weight	Dimensions (LxWxH) (mm)
9016+4510	1/4"	10 m	400 bar	120 mm	450mm	9767	17 Kg	250x550x450
9016+4710	3/8"	10 m	330 bar	120 mm	450mm	9767	20 Kg	250x550x450
9016+4810	1/2"	10 m	275 bar	120 mm	450mm	9767	18 Kg	250x550x450
9016+4515	1/4"	15 m	400 bar	120 mm	450mm	9767	18 Kg	250x550x450
9016+4715	3/8"	15 m	330 bar	120 mm	450mm	9767	21 Kg	250x550x450
9016+4815	1/2"	15 m	275 bar	120 mm	450mm	9767	20 Kg	250x550x450
9021+4520	1/4"	20 m	400 bar	150 mm	450mm	9768	26 Kg	260x550x450
9021+4720	3/8"	20 m	330 bar	150 mm	450mm	9768	28 Kg	260x550x450
9021+4820	1/2"	20 m	275 bar	150 mm	450mm	9768	27 Kg	260x550x450



Automatic, spring – driven hose reel, adjustable arms series, in painted steel, including rubber hoses SAE 100 R2 AT with female connection threads, suitable for the supply of grease at high pressure.



Art. no.	Ø hose	Length hose	Max working pressure	Reel width	Ø reel	Art. no. suitable swivel bracket	Weight	Dimensions (LxWxH) (mm)
9090+4510	1/4"	10 m	400 bar	120 mm	450mm	9767	20 Kg	250x550x450
9090+4710	3/8"	10 m	330 bar	120 mm	450mm	9767	20 Kg	250x550x450
9090+4810	1/2"	10 m	275 bar	120 mm	450mm	9767	22 Kg	250x550x450
9091+4515	1/4"	15 m	400 bar	120 mm	450mm	9767	25 Kg	250x550x450
9091+4520	1/4"	20 m	400 bar	120 mm	450mm	9767	26 Kg	250x550x450
9092+4720	3/8"	20 m	400 bar	120 mm	450mm	9767	27 Kg	250x550x450
9093+4725	3/8"	25 m	330 bar	150 mm	450mm	9768	31 Kg	280x550x450
9083+4530	1/4"	30 m	400 bar	150 mm	540mm	9777	42 Kg	250x590x600
9083+4730	3/8"	30 m	330 bar	150 mm	540mm	9777	44 Kg	250x590x600
9083+4830	1/2"	30 m	275 bar	150 mm	540mm	9777	45 Kg	250x590x600



Automatic, spring – driven hose reel, enclosed series, in painted steel, including rubber hoses SAE 100 R2 AT with female connection threads, suitable for the supply of grease at high pressure.



Art. no.	Ø hose	Length hose	Max working pressure	Reel width	Ø reel	Art. no. suitable swivel bracket	Weight	Dimensions (LxWxH) (mm)
9013+4510	1/4"	10 m	400 bar	120 mm	450mm	9778	20 kg	250x550x450
9013+4710	3/8"	10 m	330 bar	120 mm	450mm	9778	20 kg	250x550x450
9013+4810	1/2"	10 m	275 bar	120 mm	450mm	9778	20 kg	250x550x450
9013+4515	1/4"	15 m	400 bar	120 mm	450mm	9778	23 kg	250x550x450
9013+4715	3/8"	15 m	330 bar	120 mm	450mm	9778	23 kg	250x550x450
9013+4815	1/2"	15 m	275 bar	120 mm	450mm	9778	24 kg	250x550x450
9023+4520	1/4"	20 m	400 bar	150 mm	450mm	9778	26 kg	280x550x450
9023+4720	3/8"	20 m	330 bar	150 mm	450mm	9778	26 kg	280x550x450
9023+4820	1/2"	20 m	275 bar	150 mm	450mm	9778	27 kg	280x550x450



For other hose reel models please see chapter "Hose reels" on page 208!