

R4 SAE 100 R4

Applicable Standard

SAE J517 100 R4



Liner

Oil resistant synthetic rubber

Reinforcement

Textile reinforcement with helix steel wire

Cover

Oil and weather resistant black synthetic rubber

Application

Suction and return line on hydraulic systems

Temperature

Hydraulics Oils: from -40°C to 100°C (from -40°F to 212°F)

Water Glycol Hydraulic Fluids: from -40°C to 70°C (from -40°F to 158°F)

Water: from 0°C to 70°C (from 32°F to 158°F)

Air: up to 70°C (up to 158°F)

															
**	DN	dash size	inch	mm	mm	inch	MPa	psi	MPa	psi	mm	inch	g/m	lb/ft	
R4-12	☐	19	-12	3/4"	19	34,9	1,374	2,1	305	8,4	1218	125	4,92	720	0,484
R4-16	☐	25	-16	1"	25,4	41,3	1,626	1,7	246	6,8	986	150	5,91	840	0,564
R4-20	☐	31	-20	1.1/4"	31,8	50,8	2	1,4	203	5,6	812	200	7,87	1230	0,827
R4-24	☐	38	-24	1.1/2"	38,1	57,2	2,252	1	145	4	580	255	10,04	1540	1,035
R4-32	☐	51	-32	2"	50,8	69,9	2,752	,7	101	2,8	406	300	11,81	1930	1,297
R4-40	☐	63	-40	2.1/2"	63,5	82,6	3,252	,4	58	1,6	232	355	13,98	2650	1,781
R4-48	☐	76	-48	3"	76,2	95,3	3,752	,4	58	1,6	232	460	18,11	3200	2,15
R4-56	☐	89	-56	3.1/2"	88,9	107,9	4,248	,3	43	1,2	174	530	20,87	3650	2,453
R4-64	☐	102	-64	4"	101,6	120,7	4,752	,25	36	1	145	610	24,02	4320	2,903
☐															

	crimping Ø +/-					crimping style +/-		int. skive +/-		ext. skive +/-		ins. depth +/-		ferrule code	
	DN	dash s	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		
R4-12	19	-12	3/4"											Coupling not available	
R4-16	25	-16	1"											Coupling not available	
R4-20	31	-20	1.1/4"											Coupling not available	
R4-24	38	-24	1.1/2"											Coupling not available	
R4-32	51	-32	2"											Coupling not available	
R4-40	63	-40	2.1/2"											Coupling not available	
R4-48	76	-48	3"											Coupling not available	
R4-56	89	-56	3.1/2"											Coupling not available	
R4-64	102	-64	4"											Coupling not available	