

R5 SAE 100 R5

Applicable Standard

SAE J517 100 R5



Liner

Oil resistant synthetic rubber

Reinforcement

One braid of high tensile steel wire

Cover

Polyester black textile braid

Application

Medium pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 120°C (from -40°F to 248°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
R5-4	☐	5	-4	3/16"	4,8	13,7	0,539	21	3045	84	12180	75	2,95	250	0,168
R5-5	☐	6	-5	1/4"	6,4	15,3	0,602	21	3045	84	12180	85	3,35	290	0,195
R5-6	☐	8	-6	5/16"	8	17,6	0,693	15,7	2276	62,8	9106	100	3,94	360	0,242
R5-8	☐	10	-8	13/32"	10,5	20	0,787	14	2030	56	8120	115	4,53	420	0,282
R5-10	☐	12	-10	1/2"	12,7	24	0,945	12,2	1769	48,8	7076	140	5,51	570	0,383
R5-12	☐	16	-12	5/8"	16	28	1,102	10,5	1522	42	6090	165	6,5	710	0,477
R5-16	☐	22	-16	7/8"	22,2	32,2	1,268	5,6	812	22,4	3248	185	7,28	730	0,491
R5-20	☐	29	-20	1.1/8"	28,6	38,9	1,531	4,3	623	17,2	2494	230	9,06	925	0,622
R5-24	☐	35	-24	1.3/8"	35	45,2	1,78	3,5	507	14	2030	265	10,43	1150	0,773
R5-32	☐	46	-32	1.13/16"	46	57,6	2,268	2,4	348	9,6	1392	335	13,19	1390	0,934

	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		
R5-4	5	-4	3/16"											Coupling not available	
R5-5	6	-5	1/4"											Coupling not available	
R5-6	8	-6	5/16"											Coupling not available	
R5-8	10	-8	13/32"											Coupling not available	
R5-10	12	-10	1/2"											Coupling not available	
R5-12	16	-12	5/8"											Coupling not available	
R5-16	22	-16	7/8"											Coupling not available	
R5-20	29	-20	1.1/8"											Coupling not available	
R5-24	35	-24	1.3/8"											Coupling not available	
R5-32	46	-32	1.13/16"											Coupling not available	