

R4 SAE 100 R4 PLUS MSHA

Applicable Standard

Exceeds SAE J517 100 R4



Liner

Oil resistant synthetic rubber

Reinforcement

Textile reinforcement with helix steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

Suction and return line on hydraulic systems

Temperature

Hydraulics Oils: from -40°C to 135°C (from -40°F to 275°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
R4Plus-12	☐	19	-12	3/4"	19	30,2	1,189	2,1	305	8,4	1215	125	4,92	735	0,494
R4Plus-16	☐	25	-16	1"	25,4	38,9	1,531	1,7	245	6,8	985	150	5,91	910	0,611
R4Plus-20	☐	31	-20	1.1/4"	31,8	46,9	1,846	1,4	200	5,6	810	200	7,87	1145	0,769
R4Plus-24	☐	38	-24	1.1/2"	38,1	54	2,126	1,05	150	4,2	605	255	10,04	1460	0,981
R4Plus-32	☐	51	-32	2"	50,8	65,1	2,563	,7	100	2,8	405	300	11,81	1880	1,263
R4Plus-40	☐	63	-40	2.1/2"	63,5	81	3,189	,4	55	1,6	230	355	13,98	2235	1,502
R4Plus-48	☐	76	-48	3"	76,2	93,7	3,689	,4	55	1,6	230	460	18,11	2715	1,824
R4Plus-56	☐	89	-56	3.1/2"	88,9	107,4	4,228	,3	40	1,2	170	530	20,87	3234	2,173
R4Plus-64	☐	102	-64	4"	101,6	118,8	4,677	,25	35	1	145	610	24,02	3935	2,644
	☐														

	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		
R4Plus-12	19	-12	3/4"											Coupling not available	
R4Plus-16	25	-16	1"											Coupling not available	
R4Plus-20	31	-20	1.1/4"											Coupling not available	
R4Plus-24	38	-24	1.1/2"											Coupling not available	
R4Plus-32	51	-32	2"											Coupling not available	
R4Plus-40	63	-40	2.1/2"											Coupling not available	
R4Plus-48	76	-48	3"											Coupling not available	
R4Plus-56	89	-56	3.1/2"											Coupling not available	
R4Plus-64	102	-64	4"											Coupling not available	

exceeds SAE 100 R4 Plus */* +135°C WP *** bar (*** psi) MSHA IC-***/**