

R7 ISO 3949 / SAE 100 R7 TWIN

Applicable Standard

SAE J517 100 R7

Hose dimensions according to ISO 3949 R7



Liner

Thermoplastic elastomer

Reinforcement

One braid of synthetic fiber

Cover

Black polyurethane cover

Application

Medium pressure hydraulic lines

Temperature

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

Water Glycol Hydraulic Fluids: up to 70°C (up 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	
R7-2-2	3	-2	1/8"	3,2	9,5	0,374	21	3045	84	12180	25	0,98	116	0,078	
R7-3-3	5	-3	3/16"	5	11,4	0,449	21	3045	84	12180	90	3,54	168	0,113	
R7-4-4	6	-4	1/4"	6,3	13,7	0,539	19,2	2784	76,8	11136	100	3,94	218	0,146	
R7-5-5	8	-5	5/16"	8	15,6	0,614	17,5	2537	70	10150	115	4,53	276	0,185	
R7-6-6	10	-6	3/8"	10	18,4	0,724	15,7	2276	62,8	9106	125	4,92	310	0,208	
R7-8-8	12	-8	1/2"	12,5	22,5	0,886	14	2030	56	8120	180	7,09	430	0,289	
R7-10-10	16	-10	5/8"	16	25,8	1,016	10,5	1522	42	6090	205	8,07	574	0,386	
R7-12-12	19	-12	3/4"	19	28,6	1,126	8,7	1261	34,8	5046	240	9,45	672	0,452	
R7-16-16	25	-16	1"	25	36,7	1,445	7	1015	28	4060	300	11,81	942	0,633	
R7-20-20	31	-20	1.1/4"	31,8	42	1,654	7	1015	28	4060	300	11,81	1404	0,943	

				crimping Ø +/- 0,2 0,008		crimping style +/-			int. skive +/- 0 0		ext. skive +/- 0 0		ins. depth +/- 0,5 0,02		ferrule code
	DN	dash s	inch	mm	inch		mm	inch	mm	inch	mm	inch	mm	inch	
R7-2-2	3	-2	1/8"	12,1	0,476	NR	NR	0	NR	0	NR	0	19	0,748	
R7-3-3	5	-3	3/16"	12,6	0,496	NR	NR	0	NR	0	NR	0	22,5	0,886	
R7-4-4	6	-4	1/4"	14,9	0,587	NR	NR	0	NR	0	NR	0	24	0,945	
R7-5-5	8	-5	5/16"	16,6	0,654	NR	NR	0	NR	0	NR	0	24,5	0,965	
R7-6-6	10	-6	3/8"	18,5	0,728	NR	NR	0	NR	0	NR	0	24,5	0,965	
R7-8-8	12	-8	1/2"	21,8	0,858	NR	NR	0	NR	0	NR	0	26	1,024	
R7-10-10	16	-10	5/8"	26,5	1,043	NR	NR	0	NR	0	NR	0	29,5	1,161	
R7-12-12	19	-12	3/4"	29,3	1,154	NR	NR	0	NR	0	NR	0	35	1,378	
R7-16-16	25	-16	1"	36,6	1,441	NR	NR	0	NR	0	NR	0	40	1,575	
R7-20-20	31	-20	1.1/4"										Coupling not available		

This hose fits with SERIES T couplings

ANCHOR ISO 3949 R7 / SAE 100 R7 -** -** */** WP ** MPa (*** bar)

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