

R8 ISO 3949 / SAE 100 R8

Applicable Standard

SAE J517 100 R8

Hose dimensions according to ISO 3949 R8



Liner

Thermoplastic elastomer

Reinforcement

One or two braids of synthetic fiber

Cover

Black polyurethane cover

Application

High 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
R8-2	3	-2	1/8"	3,2	10,5	0,413	42	6090	168	24360	25	0,98	58	0,039
R8-3	5	-3	3/16"	5	14,6	0,575	35	5075	140	20300	90	3,54	84	0,056
R8-4	6	-4	1/4"	6,3	16,8	0,661	35	5075	140	20300	100	3,94	109	0,073
R8-5	8	-5	5/16"	8	18,6	0,732	31	4495	124	17980	115	4,53	138	0,093
R8-6	10	-6	3/8"	10	20,3	0,799	28	4060	112	16240	125	4,92	158	0,106
R8-8	12	-8	1/2"	12,5	24,6	0,969	24,5	3552	98	14210	180	7,09	215	0,144
R8-10	16	-10	5/8"	16	29,8	1,173	19,2	2784	76,8	11136	205	8,07	287	0,193
R8-12	19	-12	3/4"	19	33	1,299	15,7	2276	62,8	9106	240	9,45	338	0,227
R8-16	25	-16	1"	25	38,6	1,52	14	2030	56	8120	300	11,81	474	0,319
R8-20	31	-20	1.1/4"	31,8	42	1,654	10	1450	40	5800	350	13,78	702	0,472

				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		
R8-2	3	-2	1/8"											Coupling not available	
R8-3	5	-3	3/16"	12,1	0,476	NR	NR	0	NR	0	NR	0	22,5	0,886	
R8-4	6	-4	1/4"	14,7	0,579	NR	NR	0	NR	0	NR	0	24	0,945	
R8-5	8	-5	5/16"	16	0,63	NR	NR	0	NR	0	NR	0	24,5	0,965	
R8-6	10	-6	3/8"	18,9	0,744	NR	NR	0	NR	0	NR	0	24,5	0,965	
R8-8	12	-8	1/2"	21,5	0,846	NR	NR	0	NR	0	NR	0	26	1,024	
R8-10	16	-10	5/8"	25,9	1,02	NR	NR	0	NR	0	NR	0	29,5	1,161	
R8-12	19	-12	3/4"	28,4	1,118	NR	NR	0	NR	0	NR	0	35	1,378	
R8-16	25	-16	1"	35	1,378	NR	NR	0	NR	0	NR	0	40	1,575	
R8-20	31	-20	1.1/4"											Coupling not available	

This hose fits with SERIES T couplings

ANCHOR ISO 3949 R8 / SAE 100 R8 -** */*" WP ** MPa (*** bar)