

R8 ISO 3949 / SAE 100 R8 ORANGE COVER

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

Orange polyurethane nonconductive 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	
R8OR-2	3	-2	1/8"	3,2	10,5	0,413	42	6090	168	24360	25	0,98	58	0,039	
R8OR-3	5	-3	3/16"	5	14,6	0,575	35	5075	140	20300	90	3,54	84	0,056	
R8OR-4	6	-4	1/4"	6,3	16,8	0,661	35	5075	140	20300	100	3,94	109	0,073	
R8OR-5	8	-5	5/16"	8	18,6	0,732	31	4495	124	17980	115	4,53	138	0,093	
R8OR-6	10	-6	3/8"	10	20,3	0,799	28	4060	112	16240	125	4,92	158	0,106	
R8OR-8	12	-8	1/2"	12,5	24,6	0,969	24,5	3552	98	14210	180	7,09	215	0,144	
R8OR-10	16	-10	5/8"	16	29,8	1,173	19,2	2784	76,8	11136	205	8,07	287	0,193	
R8OR-12	19	-12	3/4"	19	33	1,299	15,7	2276	62,8	9106	240	9,45	338	0,227	
R8OR-16	25	-16	1"	25	38,6	1,52	14	2030	56	8120	300	11,81	474	0,319	
R8OR-20	31	-20	1.1/4"	31,8	42	1,654	10	1450	40	5800	350	13,78	702	0,472	

				crimping Ø +/-		crimping style +/-			int. skive +/-		ext. skive +/-		ins. depth +/-		ferrule code
				0,2	0,008				0	0	0	0	0,5	0,02	
	DN	dash s	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		
R8OR-2	3	-2	1/8"												Coupling not available
R8OR-3	5	-3	3/16"	12,1	0,476	NR	NR	0	NR	0	NR	0	22,5	0,886	
R8OR-4	6	-4	1/4"	14,7	0,579	NR	NR	0	NR	0	NR	0	24	0,945	
R8OR-5	8	-5	5/16"	16	0,63	NR	NR	0	NR	0	NR	0	24,5	0,965	
R8OR-6	10	-6	3/8"	18,9	0,744	NR	NR	0	NR	0	NR	0	24,5	0,965	
R8OR-8	12	-8	1/2"	21,5	0,846	NR	NR	0	NR	0	NR	0	26	1,024	
R8OR-10	16	-10	5/8"	25,9	1,02	NR	NR	0	NR	0	NR	0	29,5	1,161	
R8OR-12	19	-12	3/4"	28,4	1,118	NR	NR	0	NR	0	NR	0	35	1,378	
R8OR-16	25	-16	1"	35	1,378	NR	NR	0	NR	0	NR	0	40	1,575	
R8OR-20	31	-20	1.1/4"												Coupling not available

This hose fits with SERIES T couplings

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