

R12 ISO 3862 / SAE 100 R12 MSHA

Applicable Standard

ISO 3862 R12
 SAE J517 100 R12



Liner

Oil resistant synthetic rubber

Reinforcement

Four spirals of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved

Application

High pressure hydraulic lines

Temperature

Hydraulics Oils: from -40°C to 121°C (from -40°F to 250°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
R12MSHA-6	☐	10	-6	3/8"	9,5	21	0,827	28	4060	112	16240	130	5,12	572	0,384
R12MSHA-8	☐	12	-8	1/2"	12,7	24,6	0,969	28	4060	112	16240	180	7,09	719	0,483
R12MSHA-10	☐	16	-10	5/8"	15,9	28,2	1,11	28	4060	112	16240	200	7,87	993	0,667
R12MSHA-12	☐	19	-12	3/4"	19	31,5	1,24	28	4060	112	16240	240	9,45	1216	0,817
R12MSHA-16	☐	25	-16	1"	25,4	39.2	15,433	28	4060	112	16240	300	11,81	1713	1,151
R12MSHA-20	☐	31	-20	1.1/4"	31,8	48,6	1,913	21	3045	84	12180	420	16,54	2452	1,648
R12MSHA-24	☐	38	-24	1.1/2"	38,1	55	2,165	17,5	2535	70	10150	500	19,69	2903	1,951
R12MSHA-32	☐	51	-32	2"	50,8	68,3	2,689	17,5	2535	70	10150	630	24,8	4067	2,733

				crimping Ø +/-		crimping style +/-		int. skive +/-		ext. skive +/-		ins. depth +/-		ferrule code	
				0,2	0,008			0,5	0,02	0,5	0,02	0,5	0,02		
	DN	dash s	inch	mm	inch	mm	inch	mm	inch	mm	inch	mm	inch		
R12MSHA-6	10	-6	3/8"	22,7	0,894	FLAT	0	0	0	0	28	1,102	33	1,299	8S004S-06
R12MSHA-8	12	-8	1/2"	27,2	1,071	FLAT	0	0	0	0	29	1,142	35	1,378	8S004S-08
R12MSHA-10	16	-10	5/8"	31,4	1,236	FLAT	0	0	0	0	30	1,181	37	1,457	8S004S-10
R12MSHA-12	19	-12	3/4"	33,6	1,323	FLAT	0	0	0	0	37	1,457	41	1,614	8S004S-12
R12MSHA-16	25	-16	1"	42,5	1,673	FLAT	0	0	0	0	48	1,89	53	2,087	8S004S-16
R12MSHA-20	31	-20	1.1/4"	51,3	2,02	FLAT	0	0	0	0	54	2,126	59	2,323	8S014S-20
R12MSHA-24	38	-24	1.1/2"	57,3	2,256	FLAT	0	0	0	0	60	2,362	67	2,638	8S014S-24
R12MSHA-32	51	-32	2"	73,0	2,874	FLAT	0	0	0	0	63	2,48	70	2,756	8S014S-32

This hose fits with SERIES 2 couplings



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