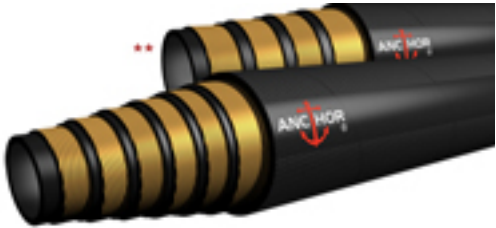


R13 ISO 3862 / SAE 100 R13 MSHA

Applicable Standard

ISO 3862 R13
 SAE J517 100 R13



Liner

Oil resistant synthetic rubber

Reinforcement

Four or six 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
R13MSHA-12	✕	19	-12	3/4"	19	33,2	1,307	35	5075	140	20300	240	9,45	1621	1,089
R13MSHA-16	✕	25	-16	1"	25,4	39,8	1,567	35	5075	140	20300	300	11,81	2220	1,492
R13MSHA-20	□	31	-20	1.1/4"	31,8	51,3	2,02	35	5075	140	20300	420	16,54	3813	2,562
R13MSHA-24	□	38	-24	1.1/2"	38,1	58,8	2,315	35	5075	140	20300	500	19,69	4771	3,206
R13MSHA-32	□	51	-32	2"	50,8	72,7	2,862	35	5075	140	20300	630	24,8	6309	4,239
	□														

				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		
R13MSHA-12	19	-12	3/4"	35,4	1,394	FLAT	0	0	15	0,591	43	1,693	45	1,772	8I004S-12
R13MSHA-16	25	-16	1"	43,8	1,724	FLAT	0	0	16	0,63	52	2,047	57	2,244	8I004S-16
R13MSHA-20	31	-20	1.1/4"	54,8	2,157	FLAT	0	0	22	0,866	72	2,835	78	3,071	8I006S-20
R13MSHA-24	38	-24	1.1/2"	64,0	2,52	FLAT	0	0	22	0,866	87	3,425	92	3,622	8I006S-24
R13MSHA-32	51	-32	2"	77,0	3,031	FLAT	0	0	27	1,063	91	3,583	99	3,898	8I006S-32

This hose fits with SERIES 3 couplings

ISO 3862 R13 / SAE 100 R13
 ** ** */** WP ** MPa (
 *** bar
) MSHA IC-** */**