

2SC ISO 11237 / SAE 100 R16 PLUS MSHA 120°C "AAR" ADVANCED ABRASION RESISTANCE

Applicable Standard

ISO 11237 2SC
Exceeds SAE J517 100 R16



Liner

Oil resistant synthetic rubber

Reinforcement

Two braids of high tensile steel wire

Cover

Oil and weather resistant black synthetic rubber MSHA approved, advanced abrasion resistance

Application

High pressure hydraulic lines. Approved to the double of minimum impulse cycles required with smaller bend-radius

Temperature

Hydraulics Oils: from -40°C to 120°C (from -40°F to 248°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	
2SCPlusTG-4	6	-4	1/4"	6,4	14,2	0,559	45	6525	180	26100	50	1,97	296	0,199	
2SCPlusTG-5	8	-5	5/16"	7,9	16	0,63	42	6090	168	24360	55	2,17	342	0,23	
2SCPlusTG-6	10	-6	3/8"	9,5	18,3	0,72	38	5510	152	22040	65	2,56	464	0,312	
2SCPlusTG-8	12	-8	1/2"	12,7	21,5	0,846	33	4785	132	19140	90	3,54	560	0,376	
2SCPlusTG-10	16	-10	5/8"	15,9	24,7	0,972	30	4350	120	17400	100	3,94	700	0,47	
2SCPlusTG-12	19	-12	3/4"	19	28,6	1,126	28	4060	112	16240	120	4,72	915	0,615	
2SCPlusTG-16	25	-16	1"	25,4	36,6	1,441	21	3045	84	12180	150	5,91	1434	0,964	

				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	mm	inch
2SCPlusTG-4	6	-4	1/4"	17,9	0,705	FLAT	0	0	0	0	0	0	24	0,945	
2SCPlusTG-5	8	-5	5/16"	19,3	0,76	FLAT	0	0	0	0	0	0	25	0,984	
2SCPlusTG-6	10	-6	3/8"	22,1	0,87	FLAT	0	0	0	0	0	0	25	0,984	
2SCPlusTG-8	12	-8	1/2"	25,3	0,996	FLAT	0	0	0	0	0	0	27	1,063	
2SCPlusTG-10	16	-10	5/8"	27,9	1,098	FLAT	0	0	0	0	0	0	30	1,181	
2SCPlusTG-12	19	-12	3/4"	32,7	1,287	FLAT	0	0	0	0	0	0	35	1,378	
2SCPlusTG-16	25	-16	1"	41,5	1,634	FLAT	0	0	0	0	0	0	41	1,614	

This hose fits with SERIES 1 couplings

 **ISO 11237 2SC Plus ** / exceeds SAE 100 R16 */** +120°C AAR WP ** MPa (*** bar) MSHA IC-**/****