



SAE 100R5 / SAE J 1402 All

According to **SAE J517** type **SAE 100R5 / SAE J 1402** type **All**

High pressure hydraulic hose with steel and textile braids reinforcement with rubber impregnated textile cover



Inner tube: seamless oil resistant synthetic rubber

Reinforcement: 2 high resistance synthetic textile braids with an intermediate high tensile steel wire braid

Outer tube: impregnation of the outer textile braid with black, oil, weather and abrasion resistant synthetic rubber

Safety factor: 4: 1

Application: petroleum base hydraulic fluids

Temperature range: - 40°C (- 40°F) + 100°C (+ 212°F); Intermittent service: + 120°C (+ 248°F)

Max. temperature recommended for water base hydraulic fluids: + 70°C (+ 158°F)

Max. temperature recommended for air: + 60°C (+ 140°F)

Couplings: crimped fittings P25 serie

Ø nom.	dash size	Ø internal		Ø external		working pressure		min. burst pressure		min. bend radius		weight
		mm	inch	mm	inch	MPa	PSI	MPa	PSI	mm	inch	
3/16"	- 4	4,8	0.19	13,2	0.52	20.7	3000	82.8	12000	76	3.00	0,19
1/4"	- 5	6,3	0.25	14,8	0.60	20.7	3000	82.8	12000	86	3.38	0,27
5/16"	- 6	8,0	0.31	17,2	0.68	15.5	2250	62.0	9000	102	4.00	0,29
13/32"	- 8	10,4	0.41	19,5	0.77	13.8	2000	55.2	8000	117	4.62	0,36
1/2"	- 10	12,7	0.50	23,4	0.92	12.1	1755	48.3	7020	140	5.50	0,45
5/8"	- 12	16,0	0.63	27,4	1.08	10.3	1495	41.4	5980	165	6.50	0,56
7/8"	- 16	22,2	0.88	31,4	1.24	5.5	800	22.1	3200	187	7.38	0,78
1.1/8"	- 20	28,6	1.13	38,1	1.50	4.3	625	17.2	2500	229	9.00	1,06
1.3/8"	- 24	34,9	1.38	44,5	1.75	3.4	500	13.8	2000	267	10.50	1,45
1.13/16"	- 32	46,0	1.81	56,4	2.22	2.4	350	9.7	1400	337	13.20	1,70
2.3/8"	- 40	60,3	2.38	73,0	2.87	2.4	350	9.7	1400	610	24.00	2,15
3"	- 48	76,2	3.00	90,5	3.56	1.4	200	5.5	800	838	33.00	3,08