

**SAE 100R4 –**According to **SAE J517** type **SAE 100R4****Suction & Delivery hydraulic hose****Inner tube:** seamless oil resistant synthetic rubber**Reinforcement:** textile braids and 1 high strength steel wire helix**Outer tube:** black, oil, weather and abrasion resistant synthetic rubber**Safety factor:** 4: 1**Application:** suction, delivery, return & discharge of 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:** fittings 23 serie up to 2" and 44 serie from 3" up to 4" with clamps

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	kg/m
3/4"	- 12	19,0	0.75	34,9	1.38	2.1	315	8.4	1260	127	5.0	0,75
1"	- 16	25,4	1.00	41,3	1.63	1.7	255	6.8	1020	152	6.0	0,93
1.1/4"	- 20	31,8	1.25	50,8	2.00	1.4	210	5.6	840	203	8.0	1,25
1.1/2"	- 24	38,1	1.50	57,2	2.25	1.05	157.5	4.2	630	254	10.0	1,54
2"	- 32	50,8	2.00	69,9	2.75	0.7	105	2.8	420	305	12.0	2,00
2.1/2"	- 40	63,5	2.50	82,6	3.25	0.4	60	1.6	240	356	14.0	2,50
3"	- 48	76,2	3.00	95,3	3.75	0.4	60	1.6	240	457	18.0	3,20
3.1/2"	- 56	88,9	3.50	108	4.25	0.3	45	1.2	180	533	21.0	4,03
4"	- 64	101,6	4.00	121	4.75	0.25	37.5	1.0	150	610	24.0	5,04

COVER: U.S. MSHA APPROVED