

SAE 100 R4

INDUSTRIAL MAINTENANCE
Hydraulic control lines



Applications

Oil hose for use at low pressure and suction applications (e.g. as return line hose in hydraulic systems).

Can also be used as tank truck hose for diesel oil.

Advantages

- n Light weight and flexible due to the textile reinforcement.
- n Elimination of vibrations in the hydraulic lines.
- n Hose cover is highly resistant to oil and grease.

Technical description

Inner tube: oil resistant NBR/SBR, black, smooth.

Reinforcement: synthetic textile with embedded steel helix.

Cover: oil and weather resistant NBR/SBR, black, fabric impression.

Temperature range: - 40 °C to + 100 °C.

Standard/Approval: SAE J 517 May 89 (SAE 100 R4).

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24/01/2011

ID mm	ID inch	Wall thickness mm	OD mm	Max. length mm	Working pressure bar	Bursting pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Length m	Article number	Stock (n) or min. order m
19	3/4"	5.0 ± 0.5	29 ± 1.0	40.0	21.0	83	0.9	120	0.63	40	1769680	200
25	1"	5.0 ± 0.5	35 ± 1.0	40.0	17.0	69	0.9	150	0.78	40	1769690	200
32	1"1/4	5.5 ± 0.5	43 ± 1.0	40.0	14.0	55	0.9	200	1.05	40	1769700	200
38	1"1/2	5.5 ± 0.5	49 ± 1.0	40.0	10.0	41	0.9	250	1.2	40	1769710	200
50	2"	5.5 ± 0.5	61 ± 1.5	40.0	7.0	28	0.9	300	1.55	40	1769720	600
63	2"1/2	6.0 ± 0.75	75 ± 1.5	40.0	4.0	17	0.9	350	2.2	40	1769730	200
76	3"	6.5 ± 0.75	89 ± 1.5	40.0	4.0	15	0.9	450	2.8	40	1769740	200
102	4"	7.0 ± 0.75	116 ± 1.5	40.0	2.0	10	0.9	600	4.0	40	1769750	200

Branding

— T - SAE 100 R 4 - EN 854 - ND - inches - quarter / year —

