

# PIPE and HOSE

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## SAE 100R Hose Data

### SAE 100R Hose Data <sup>[1]</sup>

#### Descriptions of SAE 100R series hose

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SAE 100R series	Description
100R1	Steel wire reinforced, rubber covered hydraulic hose (one wire braid) Type A - Thick cover (skive type) Type AT - Thin cover (no-skive type)
100R2	High pressure, steel wire reinforced, rubber covered hydraulic hose (two wire braid) Type A - Thick cover (skive type) Type AT - Thin cover (no-skive type)
100R3	Double fiber braid (non-metallic), rubber covered hydraulic hose
100R4	Wire inserted hydraulic suction hose
100R5	Single wire braid, textile covered hydraulic hose
100R6	Single fiber braid (non-metallic), rubber covered hydraulic hose
100R7	Thermoplastic hydraulic hose Black Orange - non-conductive
100R8	High pressure thermoplastic hydraulic hose Black Orange - non-conductive

100R9	High pressure, four-spiral steel wire reinforced, rubber covered hydraulic hose Type A - Thick cover (skive type) Type AT - Thin cover (no-skive type)
100R10	Heavy duty, four-spiral steel wire reinforced, rubber covered hydraulic hose Type A - Thick cover (skive type) Type AT - Thin cover (no-skive type)
100R11	Heavy duty, Six-spiral steel wire reinforced, rubber covered hydraulic
100R12	Heavy duty, high impulse, four-spiral wire reinforced, rubber covered hydraulic hose
100R13	Heavy duty, high impulse, multiple-spiral wire reinforced, rubber covered hydraulic hose
100R14	Polytetrafluorethylene (PTFE)-lined hydraulic hose, single-stainless steel braid Type A - Reinforced with a one braid of 303XX series stainless steel Type B - Same as Type A; includes electrically conductive inner tube
100R15	Heavy duty, high impulse, multiple-spiral wire reinforced, rubber
100R16	Compact high pressure, one- and two-wire reinforced rubber covered hydraulic hosecovered hydraulic hose
100R17	Compact 21 MPa maximum operating pressure, one- and two-steel wire reinforced rubber covered hydraulic hose with smaller bend radius
100R19	Compact 27.5 MPa maximum operating pressure, one- and two-steel wire reinforced rubber covered hydraulic hose with smaller bend radius

<sup>1</sup>The number designation following the letter R does not identify the number of reinforcement layers, but rather the specific requirements of a type of hose.

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**Source URL (modified on 01/12/2019 - 16:05):** <https://pipeandhose.com/book/sae-100r-hose-data>