

2SC Hydraulic Hose

High-pressure hose with double steel wire braid reinforcement

Compact hydraulic hose for petroleum-based hydraulic fluids. The two-layer high-tensile steel wire braid construction provides high pressure capability for demanding hydraulic installations.



Technical specifications

Standards	DIN EN 857 2SC / SAE 100R16 / ISO 11237	Safety factor	4:1
Inner tube	Seamless, oil-resistant synthetic rubber	Reinforcement	2 high-tensile steel wire braids
Outer cover	Black, smooth, oil, weather and abrasion-resistant synthetic rubber	Application	Petroleum-based hydraulic fluids
Temperature	-40 °C to +100 °C, intermittent service up to +120 °C	Cover	U.S. MSHA approved
Water-based fluids	Max. recommended temperature +70 °C	Compressed air	Max. recommended temperature +60 °C
Special versions	High-temperature, low-temperature and tough-cover versions	Fittings	2-piece fitting system, contact Scan-Tech for correct selection

Dimensions and pressure ratings

Item No.	DN	inch	SAE	ID mm	OD mm	Working pressure bar	Min. burst pressure bar	Min. bend radius mm	Weight kg/m
101S1904	DN6	1/4"	-4	6.3	13.2	450	1800	50	0.27
101S1905	DN8	5/16"	-5	8.0	15.1	420	1680	57	0.30
101S1906	DN10	3/8"	-6	9.5	17.0	400	1600	65	0.42
101S1908	DN12	1/2"	-8	12.7	20.5	360	1440	90	0.52
101S1910	DN16	5/8"	-10	16.0	24.2	280	1120	100	0.63
101S1912	DN19	3/4"	-12	19.0	28.2	280	1120	120	0.80
101S1916	DN25	1"	-16	25.4	35.6	210	840	150	1.22

Note: Working and burst pressures are specified for each hose size. Contact Scan-Tech for selection of the correct hose, fittings and version for the application. Technical data may change without notice.