

510D

SAE 100R7 / ISO 3949-R7 product range



- MAIN FEATURES
- Excellent chemical resistance
 - High abrasion resistance
 - Small bend radii
 - Low weight
 - High flexibility

APPLICATIONS

Due to its characteristics the hose 510D can be used for a wide range of media, for example:
Hydraulic oils, water and water based fluids, air, steam, glues, adhesives, chemicals, gas.

CONSTRUCTION

Core tube : Polyamide size -2 to -12, Polyester Elastomer size -16
Pressure reinforcement : One braided layer of high tensile synthetic fibre

Cover : Abrasion resistant Polyurethane pinpricked
Colour : Black

TEMPERATURE RANGE

-40 °C up to +100 °C*

[Visit the webpage](#)

Part No. #	DN	size	mm	inch	mm	Max. working pressure MPa / psi		Min. burst pressure MPa / psi		Min. bend radius mm	Weight kg/m	Fittings
510D-2	3	1/8	-2	3.2	8.6	21.0	3,000	84.0	12,000	13.0	0.05	56
510D-3	5	3/16	-3	5	10.7	22.4	3,250	89.6	13,000	19.0	0.07	56
510D-4	6	1/4	-4	6.3	11.7	21.0	3,000	84.0	12,000	38.0	0.09	56
510D-5	8	5/16	-5	8	14.3	17.5	2,500	70.0	10,000	44.0	0.11	56
510D-6	10	3/8	-6	10	16.0	15.8	2,250	63.2	9,000	51.0	0.14	56
510D-8	12	1/2	-8	12.5	20.5	15.8	2,250	63.2	9,000	76.0	0.22	56
510D-10	16	5/8	-10	16	24.6	15.8	2,250	63.2	9,000	102.0	0.31	56
510D-12	19	3/4	-12	19	27.4	8.8	1,250	35.2	5,000	127.0	0.31	56
510D-16	25	1	-16	25	33.4	7.0	1,000	28.0	4,000	203.0	0.40	56

NOTES

Also available as twinline or multiline hose, see page XVI.
 * Size -16 only: Max +57 °C for synthetic and water based hydraulic fluids