510D / 518D

SAE 100R7 / ISO 3949-R7 product range

Hose Construction

Inner tube:
Polyamide size -2 to -12
Polyesther Elastomer size -16

Reinforcement:
High tensile synthetic fibre

Cover:
Abrasion resistant Polyurethane
510D: Black - pinpricked
518D: Orange - non pinpricked



Operating Parameters

Temperature Range:
– 40 °C up to + 100 °C *

Certifications:
SAE 100R7
ISO 3949 Type R7
MSHA compliant cover

518D electrical non conductive
acc. to SAEJ517 and ISO 3949



Part Number		Hose I.D.				Hose O.D.	Pressure Rating: Max. working pressure		Pressure Rating: Min. burst pressure		Min. bend radius	Weight	Fittings
		DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg/m	
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	518D-3	5	3/16	-3	5	10.7	22.4	3,250	89.6	13,000	19.0	0.07	56
510D-4	518D-4	6	1/4	-4	6.3	11.7	21.0	3,000	84.0	12,000	38.0	0.09	56
510D-5	518D-5	8	5/16	-5	8	14.3	17.5	2,500	70.0	10,000	44.0	0.11	56
510D-6	518D-6	10	3/8	-6	10	16.0	15.8	2,250	63.2	9,000	51.0	0.14	56
510D-8	518D-8	12	1/2	-8	12.5	20.5	15.8	2,250	63.2	9,000	76.0	0.22	56
510D-10	518D-10	16	5/8	-10	16	24.6	19.2	2,750	76.8	11,000	152.0	0.31	56
510D-12	518D-12	19	3/4	-12	19	26.5	8.8	1,250	35.2	5,000	127.0	0.25	56
510D-16	518D-16	25	1	-16	25	33.4	7.0	1,000	28.0	4,000	203.0	0.40	56

- Twin and multiple hoses available
- Use 510D for air and gas applications
- Preforming possibility: Flexible solution with customized shape

* Size -16 only: Max + 57 °C for synthetic and water based hydraulic fluids

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