

722TC

No-Skive GlobalCore Tough Cover

Exceeds ISO 18752-BC

Primary Applications

General high pressure hydraulic applications

Type Approvals

Details please find on pages **Ab-16** to **Ab-19**

Applicable Specifications

SAE 100R12 – EN 856 Type R12 –

ISO 3862 Type R12

Construction

Inner tube: Nitrile (NBR)

Reinforcement: Four spirals high-tensile steel wire

Cover: Highly abrasion resistance
MSHA approved synthetic rubber

Temperature Range -40 °C up to +125 °C

Exception: Air max. +70 °C

Water max. +85 °C



Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

Fitting Series



Series 43 you'll find in the Medium Pressure chapter Cb

Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
722TC-6	10	3/8	-6	9.5	19.9	28.0	4000	112.0	16000	65	0.60
722TC-8	12	1/2	-8	12.7	22.7	28.0	4000	112.0	16000	90	0.80
722TC-10	16	5/8	-10	15.9	26.4	28.0	4000	112.0	16000	100	1.10
722TC-12	19	3/4	-12	19.1	30.7	28.0	4000	112.0	16000	120	1.40
722TC-16	25	1	-16	25.4	37.8	28.0	4000	112.0	16000	150	1.99

Replace the hose when any deformation or damage on the hose cover are visible.
The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

