

722ST

No-Skive GlobalCore Super Tough

Exceeds ISO 18752-BC

Primary Applications

General high pressure hydraulic applications

Applicable Specifications

Exceeds ISO 18752-BC

Construction

Inner tube: Synthetic rubber
Reinforcement: Four spirals high-tensile steel wire
Cover: Synthetic rubber
with a special polyethylene coating

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

Exception: Air max. +70 °C

Water max. +85 °C



- **No-Skive** hose construction
- ½ ISO 18752 minimum bend radius
- 28 MPa constant working pressure
- Exceeds ISO 18752 BC performance specification
- Extreme abrasion resistant **SUPER TOUGH** cover
- 4-spiral construction for longer life in high-impulse, heavy-duty cycle applications

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		
722ST-6	10	3/8	-6	9.5	19.9	28.0	4000	112.0	16000	65	0.60
722ST-8	12	1/2	-8	12.7	22.7	28.0	4000	112.0	16000	90	0.80
722ST-10	16	5/8	-10	15.9	26.4	28.0	4000	112.0	16000	100	1.10
722ST-12	19	3/4	-12	19.1	30.7	28.0	4000	112.0	16000	120	1.40
722ST-16	25	1	-16	25.4	37.8	28.0	4000	112.0	16000	150	1.99

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

