SRI42TC

No-Skive Multispiral



- *No-Skive* hose construction
- High performance
- Reinforcement of four or six spiral high-tensile steel wire
- Constant working pressure of 42.0 MPa
- Temperature range up to +120 °C
- Highly abrasion TOUGH COVER
- MSHA approved

Primary Applications

General high pressure hydraulic applications

Applicable Specifications

ISO 18752 type CC
ISO 3862 / EN 856 4SP (size 8)
ISO 3862 / EN 856 4SH (size 12, 16)
ISO 3862 type R15 (size 20)

Construction

Inner tube:	Synthetic rubber
Reinforcement:	Four or six spiral high-tensile steel wire
Cover:	Highly abrasion resistance MSHA approved synthetic rubber

Temperature Range ..... -40 °C up to +120 °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

All sizes

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Part Number	Hose I.D.				Hose O.D.	Pressure Rating: max. working pressure		Pressure Rating: min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
SRI42TC-8	12	1/2	-8	12.7	21.1	42.0	6000	168.0	24000	180	0.67
SRI42TC-10	16	5/8	-10	15.9	23.8	42.0	6000	168.0	24000	210	0.80
SRI42TC-12	19	3/4	-12	19.1	28.1	42.0	6000	168.0	24000	265	1.16
SRI42TC-16	25	1	-16	25.4	35.7	42.0	6000	168.0	24000	300	1.74
SRI42TC-20	31	1 1/4	-20	31.8	45.4	42.0	6000	168.0	24000	400	2.89

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

Hose layline example



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