

SRI42TC

No-Skive Multispiral

Primary Applications

General high pressure hydraulic applications

Applicable Specifications

ISO 18752 type CC

ISO 3862 / EN 846 4SP (size 8)

ISO 3862 / EN 846 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



- **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

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



Part Number	 Hose I.D.				 Hose O.D.	Pressure Rating				 min. bend radius	 weight
	DN	Inch	Size	mm	mm	 max. working pressure		 min. burst pressure			
						MPa	psi	MPa	psi		
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

	TOUGH COVER SRI42TC-12 WP 42,0 MPa (6000 PSI) MSHA IC 40/26 1° 19 mm (3/4") -40°C TO +120°C	ISO 18752 CC exceed ISO 3862/EN 856-4SH	MADE IN ITALY
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