721TC

No-Skive Multispiral

SAE 100R12 – EN 856 Type R12 –
ISO 3862 Type R12



- *No-Skive* hose construction
- Half SAE 100R12 specified minimum bend radius
- Highly abrasion resistant TOUGH COVER
- MSHA approved
- Hose is suitable for temporary immersion in mineral oil up to 70 °C with frequent inspections

Primary Applications

High-pressure extremely small bending radii 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

Tube: Synthetic rubber
Reinforcement: Four spirals of high-tensile steel wire
Cover: High 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

Petroleum and water-glycol based fluids, lubricating oils, air and water. For air above 1.7 MPa, the hose cover must be pin-pricked.
Consult the chemical compatibility section on pages ***Ab-22*** to ***Ab-30*** for more detailed information.

Fitting Series

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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
721TC-20	31	1 1/4	-20	31.8	47.0	21.0	3000	84.0	12000	210	2.59
721TC-24	38	1 1/2	-24	38.1	53.0	17.5	2500	70.0	10000	250	2.99
721TC-32	51	2	-32	50.8	67.0	17.5	2500	70.0	10000	320	4.09

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



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