351TC

No-Skive Tough Cover

ISO 11237 Type R19 – SAE 100R19



- *No-Skive* thin cover hose construction
- Constant working pressure of 28.0 MPa
- 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

General medium pressure hydraulic applications where higher abrasion resistance is required

Type Approvals

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

Applicable Specifications

ISO 11237 Type R19 – SAE 100R19

Construction

Tube: Synthetic rubber
Reinforcement: Two high-tensile steel wire braids
Cover: MSHA approved synthetic rubber

Temperature Range ..... -40 °C up to +100 °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
351TC-4	6	1/4	-4	6.4	13.0	28.0	4000	112.0	16000	50	0.30
351TC-6	10	3/8	-6	9.5	17.0	28.0	4000	112.0	16000	65	0.42
351TC-8	12	1/2	-8	12.7	20.0	28.0	4000	112.0	16000	90	0.52
351TC-10	16	5/8	-10	15.9	24.0	28.0	4000	112.0	16000	100	0.66
351TC-12	19	3/4	-12	19.1	28.0	28.0	4000	112.0	16000	120	0.86

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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