

351TC

No-Skive Tough Cover

ISO 11237 type R19 – SAE 100 R19

Primary Applications

General medium pressure hydraulic applications where higher abrasion resistance is required

Type Approvals

Details please find on pages **Ab-14** and **Ab-15**

Applicable Specifications

ISO 11237 type R19 – SAE 100 R19

Construction

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

Temperature Range -40 °C up to +100 °C

Exception: Air max. +70 °C
Water max. +85 °C



- **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







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



Part Number						Pressure Rating					
	Hose I.D.				Hose O.D.	 max. dynamic working pressure		 min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	MPa	psi	mm	kg
351TC-4	6	1/4	-4	6.3	13.0	28	4000	112	1600	50	0.30
351TC-6	10	3/8	-6	9.5	17.0	28	4000	112	1600	65	0.42
351TC-8	12	1/2	-8	12.7	20.0	28	4000	112	1600	90	0.52
351TC-10	16	5/8	-10	15.9	24.0	28	4000	112	1600	100	0.66
351TC-12	20	3/4	-12	19.1	28.0	28	4000	112	1600	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.