

Medium Pressure
High abrasion resistance

Parkrimp No-Skive Hose
451TC

451TC

No-Skive Tough Cover

ISO 11237 Type R17 – SAE 100R17

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 R17 – SAE 100R17

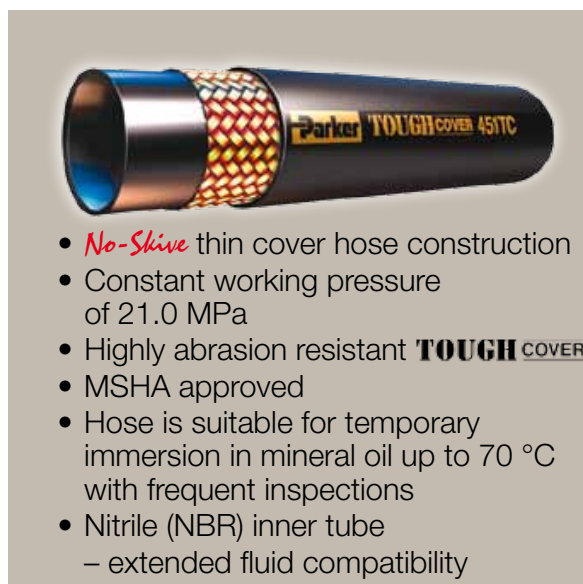
Construction

Tube: Nitrile (NBR)
Reinforcement: One or 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



Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure MPa	psi	min. burst pressure MPa	psi		
451TC-4	6	1/4	-4	6.4	13.4	21.0	3000	84.0	12000	50	0.24
451TC-6	10	3/8	-6	9.5	17.2	21.0	3000	84.0	12000	65	0.34
451TC-8	12	1/2	-8	12.7	20.4	21.0	3000	84.0	12000	90	0.52
451TC-10	16	5/8	-10	15.9	23.8	21.0	3000	84.0	12000	100	0.66
451TC-12	19	3/4	-12	19.1	27.8	21.0	3000	84.0	12000	120	0.86
451TC-16	25	1	-16	25.4	35.4	21.0	3000	84.0	12000	150	1.17

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.
Also available on reels under part number 451-xx-RL

Hose layline example

Parker TOUGH COVER 451TC-10 WP 21,0 MPa (3000 PSI) MSHA IC-40/26 | • SAE100R17-10 16 mm



Ca-19

Catalogue 4400/UK

Hose