

## R50TC/R56TC

### ParLock Multispiral

Exceeds ISO 3862 Type R15 –  
Parker Specifications

#### Primary Applications

Mobile hydraulic equipment and agricultural machines  
with typically large constructions.

#### Type Approvals

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

#### Applicable Specifications

Exceeds ISO 3862 Type R15 – Parker Specifications

#### Construction

Tube: Synthetic rubber  
Reinforcement: Four or six spirals high-tensile steel wire  
Cover: High abrasion resistance  
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-24** to **Ab-32** for more detailed information.

Fitting Series Internal and external skiving  
R56TC-6 and R56TC-8

R50TC-10 up to -16

R50TC-20



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		
R56TC-6	10	3/8	-6	9.5	21.8	56.0	8100	224.0	32400	130	0.95
R56TC-8	12	1/2	-8	12.7	25.5	56.0	8100	224.0	32400	180	1.25
R50TC-10	16	5/8	-10	15.9	28.50	50.0	7250	200.0	29000	225	1.48
R50TC-12	19	3/4	-12	19.1	32.00	50.0	7250	200.0	29000	270	1.85
R50TC-16	25	1	-16	25.4	38.40	50.0	7250	200.0	29000	300	2.70
R50TC-20	31	1 1/4	-20	31.8	52.60	50.0	7250	200.0	29000	450	5.00

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

