

High Pressure
Drilling Application

ParLock Hose
RD35TC

RD35TC

ParLock Multispiral Drilling Application

Exceeds ISO 3862 Type R13 –
Parker Specifications

Primary Applications

Rotary drilling and vibrator high pressure
hydraulic applications

Type Approvals

DNV-GL Type examination certificate in
accordance with API 7K grade D

Applicable Specifications

API 7K FSL2, ISO 14693

Construction

Inner tube: Synthetic rubber
Reinforcement: Six spirals high-tensile steel wire
Cover: High abrasion resistance
MSHA approved synthetic rubber

Temperature Range -20 °C up to +100 °C

Exception: Air max. +70 °C

Water max. +85 °C



- Interlock Technology
- Reinforcement of six high tensile steel wires
- Constant working pressure of 35.0 MPa
- Design factor 1:2.5
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Antistatic properties

Recommended Fluids

Water and mud, mineral oils, glycols and polyglycol,
mineral oils in aqueous emulsion.

Part Number	Hose I.D.				Hose O.D. mm	Pressure Rating				min. bend radius mm	weight kg
	DN	Inch	Size	mm		max. working pressure		min. burst pressure			
						MPa	psi	MPa	psi		
RD35TC-32	51	2	-32	50.8	71.10	35.0	5000	88.0*	12750	600	6.7
RD35TC-40	63	2 1/2	-40	63.5	84.50	35.0	5000	88.0*	12750	800	9.0
RD35TC-48	76	3	-48	76.2	96.00	35.0	5000	88.0*	12750	900	10.0

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

	ROTARY DRILLING VIBRATOR		RD35TC-48	WP 34,5 MPa (5000 PSI) TEST PRESS. 69,0 MPa (10000 PSI)	ISO 14693 GRADE D MSHA IC 40/26	-20°C TO +100°C -4°F TO +212°F	DN 76 mm (3") 1" MADE IN ITALY
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CEM69TC

ParLock Multispiral Cementing Hose

According to API 7K

Primary Applications

Dedicated for cementing hose applications with flexible connection between the cementing pump manifold and cementing head for conveyance of cement slurries at high pressure.

Type Approvals

DNV-GL type examination certificate in accordance with API 7K.

Applicable Specifications

API 7K FSL0, ISO 14693

Construction

Inner Tube: Synthetic rubber
Reinforcement: Six spirals high-tensile steel wire
Cover: Highly abrasion resistance
MSHA approved synthetic rubber

Temperature Range -20 °C up to +100 °C

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



- Interlock technology
- Reinforcement of six high tensile steel wire
- Design factor 1:2,25
- Highly abrasion resistant **TOUGH COVER**
- MSHA approved
- Antistatic properties

Recommended Fluids

Water and mud, mineral oils, glycols, polyglycol, mineral oils in aqueous emulsion and liquid cement.

Fitting Series

Internal and external skiving



Part Number	Hose I.D.				Hose O.D.	max. working pressure		Pressure Rating		min. burst pressure		min. bend radius	weight
	DN	Inch	Size	mm	mm	MPa	psi	test pressure	MPa	psi	MPa		
CEM69TC-32	51	2	-32	50.8	71.5	69.0	10000	103.4	15000	155.3	22500	1000	7.00

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

	CEMENTING HOSE NOT FOR SOUR SERVICE	CEM69TC-32	WP 69,0 MPA (10000 PSI) TEST PRESS. 103,4 MPA (15000 PSI)	API 7K - FSL 0 MSHA IC 40/26	-20°C TO +100 °C -4 °F TO +212 °F	DN 51 mm (2") 1" MADE IN ITALY
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