

## R35

### ParLock Multispiral

Exceeds ISO 3862 Type R13 –  
Parker Specifications

#### Primary Applications

General high pressure hydraulic applications

#### Type Approvals

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

#### Applicable Specifications

Exceed ISO 3862 Type R13 – Parker Specification

#### Construction

Inner tube: Synthetic rubber

Reinforcement: Four or six spirals high-tensile steel wire

Cover: Synthetic rubber

Temperature Range ..... -40 °C up to +125 °C

Exception: Air ..... max. +70 °C

Water ..... max. +85 °C



- Interlock technology
- Reinforcement of four or six high tensile steel wires
- Constant working pressure of 35.0 MPa

#### Recommended Fluids

Hydraulic fluids on a mineral-oil basis, water-glycol and lubricating oils, air and water. For air and gas applications with a pressure exceeding 1.7 MPa, the cover must be pin-pricked. Consult the chemical compatibility section on pages **Ab-26** to **Ab-34** for more detailed information.

#### Fitting Series

Internal and external skiving (size -12, -16, -20)



Internal and external skiving (size -24, -32)



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		
R35-12	19	3/4	-12	19.1	32.00	35.0	5000	140.0	20000	220	1.5
R35-16	25	1	-16	25.4	39.35	35.0	5000	140.0	20000	280	2.2
R35-20	31	1 1/4	-20	31.8	45.50	35.0	5000	140.0	20000	380	2.6
R35-24	38	1 1/2	-24	38.1	57.30	35.0	5000	140.0	20000	480	4.8
R35-32	51	2	-32	50.8	71.10	35.0	5000	140.0	20000	600	6.7

The combination of high temperature and high pressure could reduce the hose life.

Hose layline example

**Parker** R35-16 WP 35.0 MPa (5000 PSI) | · · EXCEED ISO3862 - SAE100R13 - 25 mm (1") —