

High Pressure
Standard

ParLock Hose
R35

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

Exceeds ISO 3862 Type R13 – Parker Specifications

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



Dab-26

Catalogue 4400/UK