

High Pressure
Standard

ParLock Hose
R42

R42

ParLock Multispiral

Exceeds ISO 3862 Type R15 –
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 R15 – 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 42.0 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 -10, -12, -16)



Internal and external skiving (size -20, -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		
R42-10	16	5/8	-10	15,9	28,50	42,0	6000	168,0	24000	225	1,39
R42-12	19	3/4	-12	19,1	32,00	42,0	6000	168,0	24000	280	1,70
R42-16	25	1	-16	25,4	39,00	42,0	6000	168,0	24000	300	2,30
R42-20	31	1 1/4	-20	31,8	50,75	42,0	6000	168,0	24000	400	3,80
R42-24	38	1 1/2	-24	38,1	57,00	42,0	6000	168,0	24000	500	4,80
R42-32	51	2	-32	50,8	71,50	42,0	6000	168,0	24000	700	7,00

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

Hose layline example



Dab-28

Catalogue 4400/UK