

R42

Exceeds ISO 3862 Type R15 - Parker Specifications

Primary Applications

General high pressure hydraulic applications



- Interlock technology
- Reinforcement of four or six spiral high-tensile steel wire

Applicable Specifications

Exceed ISO 3862 Type R15 - Parker Specification

Construction

Inner tube: Synthetic rubber

Reinforcement: Four or six spiral high-tensile steel wire

Cover: Synthetic rubber

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.

Temperature Range

Exception:

-40 °C up to +125 °C

Air max. +70 °C

Water max. +85 °C



30 series
all sizes



Z34000-..
-12, -16



Z37000-..
-20, -24, -32



V4 series
-12, -16



100V4-..
-12, -16



V6 series
-20, -24, -32



100V6-..
-20, -24, -32

Order Code	Hose I.D.				Hose O.D. mm	Pressure Rating		min. bend radius	Weight kg
	DN	Inch	Size	mm		max. working pressure MPa	min. burst pressure MPa		
R42-12	19	3/4	-12	19.1	32.0	42.0	168.0	280	1.70
R42-16	25	1	-16	25.4	39.0	42.0	168.0	300	2.30
R42-20	31	1 1/4	-20	31.8	50.7	42.0	168.0	400	3.80
R42-24	38	1 1/2	-24	38.1	57.0	42.0	168.0	500	4.80
R42-32	51	2	-32	50.8	71.5	42.0	168.0	700	7.00

Low Pressure

Medium Pressure

High Pressure

Hose Protection

Machines