

D6R Hybrid® Hose

SAE 100R17 General Purpose Hose



Parflex D6R hose offers superior performance, compact construction and ease of routing that serves the Agricultural, Construction and general hydraulic markets with a cost effective hydraulic hose solution. The unique design combines the best qualities of a durable thermoplastic core, high tensile wire reinforcement and synthetic rubber jacket.

D6R Hose with its compact, light weight design is easier to install reducing installation time. The thermoplastic core features a wide range of chemical compatibility. The compact bend radius and low force to flex meets the needs of tight space constraints. Long continuous length packaging available to reduce scrap and save money.



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Product Features:

- Up to 40% lighter than comparable rubber hoses
- Wide range of fluid compatibility
- Compact hose construction
- Bend radius less than half of conventional
- SAE 100R1AT & 100R2 hoses
- UV resistant cover
- Low force to flex
- 3,000 psi working pressure

ENGINEERING YOUR SUCCESS.

D6R – Hybrid® SAE 100R17 Hydraulic Hose



Features

- Up to 40% lighter than comparable rubber hoses
- Wide range of fluid compatibility
- Bend radius less than half of conventional SAE 100R1AT and 100R2 hoses
- Low force to flex
- 3,000 psi constant working pressure

Compliance

- Exceeds SAE J517 100R17
- MSHA compliant cover

Series D6R

[Visit the webpage](#)

Part Number	Nominal I.D.		Maximum O.D.		Max. Working Pressure 73°F/ 23°C		Minimum Bend Radius		Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs/ft	kg/mtr	
D6R04	1/4	6.3	0.46	11.7	3,045	21.0	1-1/2	38.1	0.10	0.14	56
D6R05	5/16	8	0.52	13.2	3,045	21.0	1-3/4	44.5	0.12	0.18	56
D6R06	3/8	10	0.61	15.5	3,045	21.0	2	50.8	0.17	0.25	56
D6R08	1/2	12.5	0.78	19.9	3,045	21.0	3	76.2	0.26	0.38	56

Construction

- Tube: Copolyester
- Reinforcement: One or two high tensile steel wire braids
- Cover: Smooth Synthetic Rubber

Fittings

- 56 Series
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource

Operating Parameters

- Temperature Range:
 - Petroleum based hydraulic fluids and lubricating oils within a temperature range -40°F (-40°C) to 250°F (121°C)
 - Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids limited to 185°F (85°C)
 - Water/glycol hydraulic fluids limited to 135°F (57°C)
- Vacuum Rating: 28 inch Hg
- Change in length at Max. Working Pressure: +2% to -4%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Color

- ● Black