

D6R/D6RX 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 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.

D6RX designates a continuous length reel.



Contact Information:

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Product Features:

- Long continuous package lengths available
- Up to 40% lighter than comparable rubber hoses
- Wide range of fluid compatibility
- Compact hose construction
- Bend radius less than half of conventional SAE 100R1 & 100R2 hoses
- UV resistant cover
- Low force to flex
- 3,000 psi working pressure in all sizes



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Certifications

Complies with:

- ISO 11237 Type R17
- SAE 100R17
- MSHA accepted

Applications/Markets



- Medium pressure hydraulic applications
- Agricultural equipment
- Construction Equipment
- Lubricating Oils
- Transportation

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Permanent Fitting Series
#											
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg./m.	
D6R04*	1/4	6	.46	12	3,000	21.0	1.5	38	0.10	0.14	55/56
D6R05	5/16	8	.55	14	3,000	21.0	2.25	57	0.14	0.21	55/56
D6R06*	3/8	10	.61	16	3,000	21.0	2	51	0.17	0.24	55/56
D6R08*	1/2	13	.76	19	3,000	21.0	3	76	0.26	0.37	55/56
D6R10	5/8	16	.96	24	3,000	21.0	3.5	89	0.42	0.62	56

Construction

Tube: Copolyester

Reinforcement: Steel wire

Cover: Smooth synthetic rubber

Operating Parameters

Temperature Range:

Petroleum base hydraulic fluids and lubricating oils within a temperature range of -40°F to +250°F (-40°C to +121°C)

Synthetic, synthetic blend, water, and water/oil emulsion hydraulic fluids up to 185°F (+85°C)

Water/glycol hydraulic fluids up to +135°F (+57°C)

Vacuum Rating: 28 inch Hg

Change in Working Length @

Max. Working Pressure: +2/-4%

Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series 56 Series HY* Series

*HY fittings are only approved on an adjustable crimper

Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource

Color

- Black

Notes

Reference Parflex Safety Guide in Catalog 4660 for complete guidelines on hose selection and maintenance

*For continuous length reel, order D6RX