

563LT – Low Temperature Hydraulic Hose, Constant Pressure 3,000 psi



Features

- Lowest temperature range in a constant pressure hydraulic hose
- Low length change under pressure

Compliance

- Meets/Exceeds SAE 100R17 Performance

Series 563LT

[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	
563LT-4	1/4	6.3	0.47	11.9	3,045	21.0	1-1/2	38.1	0.09	0.13	56
563LT-6	3/8	10	0.64	16.3	3,045	21.0	2	50.8	0.19	0.29	56
563LT-8	1/2	12.5	0.77	19.5	3,045	21.0	2-3/4	69.9	0.24	0.36	56
563LT-10*	5/8	16	0.97	24.6	3,045	21.0	3-1/2	88.9	0.40	0.60	43
563LT-12	3/4	19	1.12	28.3	3,045	21.0	4.25	108	0.55	0.82	43

Construction

- Tube: Copolyester
- Reinforcement: One or two braids of High Tensile Steel Wire
- Cover: Abrasion-resistant Copolyester

Fittings

- 56 Series 43 Series
- For most Parker products, Crimp Die Selection charts are found online at www.parker.com/crimpsource

Operating Parameters

- Temperature Range:
 - Petroleum base hydraulic fluids and lubricating oils (-6 thru -8) -70°F (-57°C) to +250°F (121°C)
 - (-10 size) -50°F (-45°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:
 - 563LT-6/563LT-8 +/-1%
 - 563LT-10 +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Color

- ● Black



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