

593 – General Hydraulic Hose



Features

- Works with synthetic hydraulic fluids, water and a range of chemicals
- Two wire strength with one braid flexibility
- Polyurethane cover for best abrasion resistance

Certifications

- Meets or Exceeds SAE 100R2 Pressure Requirements
- MSHA Accepted

Applications/Markets



- General hydraulic service

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Vac. Rating Hg./73°F	Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg./mtr.		
#												
593-12	3/4	20	1.10	28	3000	20.7	7.00	178	.47	.70	28	LV
593-16	1	25	1.45	37	3250	22.4	8.00	203	.69	1.02	28	LV

Construction

Tube: 12 – Copolyester ,16 – Nylon
 Reinforcement: High tensile steel wire braid
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +250°F (-40°C to +121°C)
 (Size -12 only limited to +135°F (+57°C) for synthetic hydraulic fluids and water-based fluids)
 Change in working length @ Rated WPSI: ±2%
 Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

LV Series – pg. E-104
 For Crimp Die Selection charts see pgs. G-30 : G-41
 Crimp information can be found online, for most Parker products, at www.parker.com/crimpsource

Colors

- Black

Notes

Non-perforated cover

For detailed ordering information, please consult price list or contact Parflex® Division.

Parker Hannifin Corporation | Parflex® Division | Ravenna, Ohio | parker.com/pfd

www.comoso.com

