

540N – General Hydraulic Hose



Features

- Matte jacket for low coefficient of friction
- Special order colors
- Twin or multi-line available
- Excellent chemical compatibility
- Greater range of fluid compatibility than SAE 100R1 hose

Certifications

- Meets or Exceeds SAE 100R7
- MSHA Accepted

Applications/Markets



- Hydraulic and pneumatic systems, agricultural spraying, polyurethane foam mixers, robotics, fire-resistant fluid and hot water

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating Hg./73°F	Weight		Permanent Fitting Series
	inch	mm	inch	mm	psi	MPa	inch	mm		lbs./ft.	kg./mtr.	
#												
540N-2	1/8	3	.34	9	3,000	20.7	0.50	13	28	.03	.05	57
540N-3	3/16	5	.44	11	3,000	20.7	0.75	19	28	.04	.06	55
540N-4	1/4	6	.50	13	2,750	19.0	1.50	38	28	.07	.10	55
540N-5	5/16	8	.58	15	2,500	17.2	1.75	44	28	.07	.10	55
540N-6	3/8	10	.65	17	2,250	15.5	2.00	51	28	.09	.13	55
540N-8	1/2	13	.81	21	2,000	13.8	3.00	76	28	.13	.19	55
540N-12	3/4	19	1.05	27	1,250	8.6	6.00	152	28	.17	.25	55

Construction

Tube: Nylon

Reinforcement: Fiber

Cover: Polyurethane

Operating Parameters

Temperature Range:

-40°F to +212°F (-40°C to +100°C)

Change in working length @ Rated WPSI: ±2%

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

Fittings

55 Series – pg. E-12

57 Series – pg. E-37

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

Perforated cover