

# 540N - General Hydraulic Hose Meets or Exceeds SAE 100R7 1250 to 3000 PSI



PTFE Hose & Fittings

Thermoplastic Tubing

Coiled Air Hose, Fittings & Accessories

Truck (Fleet) Products

Tooling & Equipment

Hose Accessories

Technical & Design Information

Approvals & Guides

numeric index

Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die
	#												
hose	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die
540N-2	1/8	3	0.34	9	2500	17.24	1/2	13	.031	.046	57	53-77	P02H
540N-3	3/16	5	0.43	11	3000	20.68	3/4	19	.043	.064	55	53-77	P03
540N-4	1/4	6	0.51	13	2750	18.96	1-1/2	38	.057	.085	55	53-77	P04
540N-5	5/16	8	0.57	14	2500	17.24	1-3/4	44	.068	.101	55	53-77	P05
540N-6	3/8	10	0.65	16	2250	15.51	2	51	.086	.128	55	53-77	P06
540N-8	1/2	13	0.81	21	2000	13.79	3	76	.126	.188	55	53-77	P08
540N-12	3/4	19	1.06	27	1250	8.62	6	152	.168	.250	55	53-77	P12

**Min. Burst Pressure is 4x Max. Working Pressure**

- Tube:** Nylon
- Reinforcement:** Fiber
- Cover:** Matte finish urethane
- Cover Color:** Black, perforated
- Temperature Range:** -40°F to +212°F  
-40°C to +100°C
- Vacuum Rating:** 28 inch Hg

**[Delta] Working Length @ Rated WPSI:** ±2% Max.

- Applications/Markets:** Hydraulic and pneumatic systems. Excellent chemical compatibility, wide temperature range, agricultural spraying, urethane foam mixers, robotics, fire resistant fluid and hot water.
- Special Features:** Special order colors. Twin or multi-line available. Greater range of fluid compatibility than SAE 100R1 hose.

**Note:** The above hose(s) are not intended for use in static discharge applications; i.e., airless paint spray.