

## 520N - General Hydraulic Hose Meets or Exceeds SAE 100R8 2750 to 5000 PSI



Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die
	#	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg
520N-3	3/16	5	0.43	11	5000	34.5	1-1/2	38	.05	.07	55	53-77	P03
520N-4	1/4	6	0.51	13	5000	34.5	2	51	.06	.09	55	53-77	P04
520N-5	5/16	8	0.57	14	4500	31.0	2-1/2	64	.07	.10	55	53-77	P05
520N-6	3/8	10	0.65	16	4000	27.6	2-1/2	64	.08	.12	55	53-77	P06
520N-8	1/2	13	0.81	21	3500	24.1	4	102	.13	.19	55	53-77	P08
520N-10	5/8	16	0.92	23	2750	19.0	6	152	.17	.25	55	53-77	P10

Min. Burst Pressure is 4x Max. Working Pressure

**Tube:** Nylon  
**Reinforcement:** Aramid fiber  
**Cover:** 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 circuits and systems  
 Ideal in hot water applications  
 Not recommended for use in over-the-sheave (pulley system) applications  
**Special Features:**  
 Twin and multi-line available  
 Fast response, lighter and smaller O.D. than 100R2 hose.

## 528N - Non-Conductive Hose 2750 to 5000 PSI



Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die
	#	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg
528N-3	3/16	5	0.43	11	5000	34.5	1-1/2	38	.05	.07	55	53-77	P03
528N-4	1/4	6	0.51	13	5000	34.5	2	51	.06	.09	55	53-77	P04
528N-5	5/16	8	0.57	14	4500	31.0	2-1/2	64	.07	.10	55	53-77	P05
528N-6	3/8	10	0.65	16	4000	27.6	2-1/2	64	.08	.12	55	53-77	P06
528N-8	1/2	13	0.81	21	3500	24.1	4	102	.13	.19	55	53-77	P08
528N-10	5/8	16	0.92	23	2750	19.0	6	152	.17	.25	55	53-77	P10

Min. Burst Pressure is 4x Max. Working Pressure

**Tube:** Nylon  
**Reinforcement:** Aramid fiber  
**Cover:** Urethane  
**Cover Color:** Orange, non-perforated  
**Temperature Range:** -40°F to +212°F  
 -40°C to +100°C  
**Vacuum Rating:** 28 inch Hg  
**(Delta) Working Length @ Rated WPSI:** ±3% Max.

**Applications/Markets:**  
 Hydraulic circuits and systems  
 Ideal in hot water applications  
 Not recommended for use in over-the-sheave (pulley system) applications  
**Special Features:**  
 Twin and multi-line available  
 Fast response, lighter and smaller O.D. than 100R2 hose.

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