

520N/528N – General Hydraulic Hose



Features

- Twin and multi-line available
- Fast response, lighter and smaller O.D. than 100R2 hose

Certifications

- Meets/Exceeds SAE 100R8
- 520N MSHA Accepted
- 528N Meets SAE J517 for less than 50 micro-amps leakage under 75,000 volts per foot

Applications/Markets



- Hydraulic and pneumatic circuits and systems
- Hydraulic tool applications
- Ideal in hot water applications

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Permanent Fitting Series
#	#	⊙		⊙		↗		↘		lbs	kg	⊙
Natural	Non-Conductive	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg./mtr.	
520N-3	528N-3	3/16	5	.43	11	5,000	34.5	1.50	38	.05	.07	56
520N-4	528N-4	1/4	6	.51	13	5,000	34.5	2.00	51	.07	.10	56
520N-5	528N-5	5/16	8	.57	14	4,500	31.0	2.50	64	.08	.12	56
520N-6	528N-6	3/8	10	.65	17	4,000	27.6	2.50	64	.08	.13	56
520N-8	528N-8	1/2	13	.81	21	3,500	24.1	4.00	102	.14	.20	56
-	528N-10	5/8	16	.92	23	2,750	19.0	6.00	152	.17	.25	56

Construction

Tube: Nylon
 Reinforcement: Aramid Fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 • -40°F (-40°C) to +212°F (100°C)
 Vacuum Rating: 28 inch Hg
 Change in length at Max. Working Pressure: +/-2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

56 Series – pg. E-10

For most Parker products, Crimp Die Selection charts can be found online at www.parker.com/crimpsource

Access instructions are on pg. G-14

Colors

- Black
- Orange (Non-Conductive)

Notes

- Perforated cover - 520N
- Non-perforated cover - 528N

