

ICON Identification Key



Agriculture



Automotive



Compressed Gas



Construction



Electrical



Fluid Handling



Food/Beverage



Forestry



Grounds/Bldg. Mtn.



Industrial



Industrial Pneumatic



Machine Tool



Marine



Material Handling



Medical



Military



Mining



Oilfield Service



Paint



Paving & Road
Maintenance



Personnel Equipment



Pharmaceutical



RV & Bus



Semiconductor



Sewer Hose



Transportation



Utility Equipment



Waste Refuse

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

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
- Ideal in hot water applications

Part Number		Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Vac. Rating Hg./73°F	Weight		Permanent Fitting Series
#	#												
Natural	Non-Conductive	inch	mm	inch	mm	psi	MPa	inch	mm	inch	lbs./ft.	kg./mtr.	
520N-3	528N-3	3/16	5	.43	11	5,000	34.5	1.50	38	28	.05	.07	55/56
520N-4	528N-4	1/4	6	.51	13	5,000	34.5	2.00	51	28	.07	.10	55/56
520N-5	528N-5	5/16	8	.57	14	4,500	31.0	2.50	64	28	.08	.12	55/56
520N-6	528N-6	3/8	10	.65	17	4,000	27.6	2.50	64	28	.08	.13	55/56
520N-8	528N-8	1/2	13	.81	21	3,500	24.1	4.00	102	28	.14	.20	55/56
520N-10	528N-10	5/8	16	.92	23	2,750	19.0	6.00	152	28	.17	.25	55

Construction

Tube: Nylon
 Reinforcement: Aramid fiber
 Cover: Polyurethane

Operating Parameters

Temperature Range:
 -40°F to +212°F (-40°C to +100°C)
 Change in length at Max. Working Pressure: ±2%
 Min. Burst Pressure is 4x Max. Working Pressure at 73°F (23°C)

Fittings

55 Series – pg. E-12 56 Series – pg. E-36

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

Access instructions are on pg. G-13

Colors

- Black
- Orange (Non-Conductive)

Notes

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

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

