

# 510A – Refrigerant Hose



## Features

- Excellent impulse life
- Compatible with most common hydraulic and refrigeration fluids

## Certifications

- Meets or Exceeds SAE 100R7 except -2
- MSHA Accepted except -4, -5, -6

## Applications/Markets



- Medium pressure service for both field attachable and permanent fittings
- Used with most common refrigerants

Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Vac. Rating Hg./73°F	Permanent Fitting Series	Field Attachable Series
#													
	inch	mm	inch	mm	psi	MPa	inch	mm	lbs./ft.	kg./mtr.	inch		
510A-2	1/8	3	.34	9	2,500	17.2	0.50	13	.03	.05	28	57	–
510A-3	3/16	5	.43	11	3,000	20.7	2.00	51	.05	.07	28	55	51
510A-4	1/4	6	.47	12	2,750	19.0	2.50	64	.05	.08	28	55	51
510A-5	5/16	8	.57	14	2,500	17.2	3.00	76	.08	.12	28	55	51
510A-6	3/8	10	.64	16	2,250	15.5	4.00	102	.08	.13	28	55	51
510A-8	1/2	13	.81	21	2,000	13.8	5.50	140	.13	.20	28	55	51
510A-12	3/4	19	1.10	28	1,250	8.6	7.50	191	.19	.29	28	–	51
510A-16	1	25	1.40	36	1,000	6.9	10.00	254	.28	.41	28	–	51

## Construction

Tube: Proprietary nylon blend

Reinforcement: Fiber

Cover: Polyurethane

## Operating Parameters

Temperature Range:

-40°F to +212°F (-40°C to +100°C)

Change in working length @ Rated WPSI: ±3%

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

## Fittings

51 Series – pg. E-5

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](http://www.parker.com/crimpsource)

## Colors

- Black

## Notes

Perforated cover

51 Series field attachable couplings are not intended for use on hose that has previously been in service