

510A - Refrigerant Hose

Meets or Exceeds SAE100R7

1000 to 3000 PSI



PTFE Hose & Fittings

Thermoplastic Tubing

Coiled Air Hose, Fittings & Accessories

Truck (Fleet) Products

Tooling & Equipment

Hose Accessories

Technical & Design Information

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Part Number	I. D.		Max. O. D.		Max. Working Pressure		Min. Bend Radius		Weight		Crimp Fitting		80C Crimp Die	Field Attachable Fitting	
	#														
hose	inch	mm	inch	mm	wpsi	MPa	inch	mm	lbs/ft	kg/m	series	pg	crimp die	re	pg
510A-2 (+)	1/8	3	0.34	9	2500	17.24	1/2	13	.034	.051	57	53-77	P02H	N/A	
510A-3	3/16	5	0.43	11	3000	20.68	2	51	.049	.077	55	53-77	P03	51	44-52
510A-4*	1/4	6	0.47	12	2750	18.96	2-1/2	64	.052	.077	55	53-77	P04J	51	44-52
510A-5	5/16	10	0.57	20	2500	17.24	3	76	.077	.115	N/A		N/A	51	44-52
510A-6	3/8	13	0.63	16	2250	15.51	4	102	.084	.125	55	53-77	P06	51	44-52
510A-8	1/2	16	0.81	21	2000	13.79	5-1/2	140	.131	.195	55	53-77	P08	51	44-52
510A-12	3/4	19	1.10	28	1250	8.62	7-1/2	191	.192	.286	N/A		N/A	51	44-52
510A-16 (+)	1	25	1.37	40	1000	6.90	10	254	.275	.410	N/A		N/A	51	44-52

Min. Burst Pressure is 4x Max. Working Pressure

N/A = Not Available

Tube: Proprietary nylon blend
Reinforcement: 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: ±3% Max.
Applications/Markets:

Medium pressure service for both field attachable and permanent fittings
 Refrigerants: R12, R22, R134A and R502.
Special Features:
 Excellent impulse life
 Compatible with most common hydraulic and refrigeration fluids

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