



ARCTIC EDGE™

Low Temperature Multipurpose Hose

Series 7102

Series 7102 is a low temperature, multipurpose hose designed to handle air, mild chemicals, water, oil and refined fuels such as biodiesel (to B20 in dedicated service), diesel, ethanol and gasoline. The hose construction incorporates a static wire as a path to conduct an electrical charge to ground, and the multiple plies of textile reinforcement provide flexibility and kink resistance to -70°F (-54°C). The cover is resistant to oil and weathering, and incorporates a longitudinal solid blue stripe for color-coded identification.

NOTES:

- Refer to the table on pages 213-214 for fuel compatibility and service conditions.
- Do not use for fuel dispensing or service applications requiring API, NFPA, UL, ULC or any other agency approval or listing.

Tube:	Black nitrile
Reinforcement:	Multiple textile plies with static wire
Cover:	Black chloroprene; smooth finish
Temp. Range:	-70°F to +212°F (-57°C to +100°C)
Brand Method:	White ink; solid blue stripe on reverse
Brand Example:	PARKER SERIES 7102 ARCTIC EDGE™ (-70°F) LOW TEMP (ID) 300 PSI MAX WP MADE IN USA (DATE CODE)
Design Factor:	4:1
Industry Standards:	None applicable
Applications:	<ul style="list-style-type: none"> • Air, mild chemicals, oil, water; biodiesel (to B20 in dedicated service), diesel, ethanol, gasoline • Cold weather, refrigerated applications • Agriculture, construction, general industrial
Vacuum:	Not recommended
Compare to:	Thermoid Glacier Multipurpose; Veyance Arctic Ortac
Packaging:	Reels

Part Number	ID (in)	ID (mm)	Reinf Plies	OD (in)	OD (mm)	Approx Wt (lbs/ft)	Approx Wt (kg/ft)	Min Bend Rad (in)	Min Bend Rad (mm)	Max Rec WP (psi)	Max Rec WP (bar)	Perm Cplg Rec *	Std Pack Qty (ft)	Stock Status **
7102-38304	3/8	9.5	4	0.750	19.1	0.21	0.10	3.8	96.5	300	20.7	HY	650	N
7102-50304	1/2	12.7	4	0.906	23.0	0.28	0.13	5.0	127.0	300	20.7	7661	500	N
7102-75304	3/4	19.1	4	1.156	29.4	0.37	0.17	6.0	152.4	300	20.7	HY	400	Y
7102-100304	1	25.4	4	1.458	37.0	0.54	0.24	8.0	203.2	300	20.7	HY	300	Y
7102-125304	1-1/4	31.8	4	1.810	46.0	0.83	0.38	9.0	228.6	300	20.7	HY	250	Y
7102-138304	1-3/8	34.9	4	1.925	48.9	0.89	0.40	9.5	241.3	300	20.7	*	200	N
7102-150304	1-1/2	38.1	4	2.031	51.6	0.92	0.42	10.0	254.0	300	20.7	43	200	Y

* **Couplings:** Refer to CrimpSource at www.safehose.com for coupling recommendations and crimp specifications.

** **Stock:** "Y" indicates stocked item; "N" indicates non-stocked item. Stock status subject to change. Contact Parker Customer Service.

⚠ WARNING! Couplings attached with bands or clamps may reduce the working pressure of the hose assembly to less than the maximum rated working pressure of the hose. Refer to the [NAHAD Industrial Hose Assembly Guidelines](#).

