

ARCTIC EDGE™

Low Temperature Multipurpose Hose

Series 7102



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Series 7102 hose construction is a low temperature multipurpose hose that incorporates a static wire as a path to conduct an electrical charge to ground. The multiple plies of textile reinforcement provide flexibility and kink resistance to -70°F (-57°C). The cover is resistant to oil and weathering, and incorporates a longitudinal solid blue stripe for color-coded identification.

- NOTES:**
- Do not use in dry air applications (typically, air systems that do not expose the tube to a lubricating oil mist).
 - Do not use to dispense or transfer biodiesel, diesel fuel, or gasoline in regulated service (API, NFPA, UL, ULC or any other agency approval or listing).
 - Do not use in vehicle engine applications.
 - Refer to the Refined Fuel/Hose Compatibility Table in the Media Compatibility section.

Crimp Specifications

For currently qualified crimp specifications including coupling designation, refer to CrimpSource at www.parker.com/crimpsource.

#	ID	ID	Reinf	OD	OD	Approx	Approx	Min	Min	Max	Max	Perm	Nom	Std	Pkg
Part	(in)	(mm)	Layers	(in)	(mm)	Wt	Wt	Bend	Bend	WP	WP	Cplg	Std	Pack	Type
Number						(lbs/ft)	(kg/m)	Rad	Rad	(psi)	(bar)	Rec	Qty	Qty	
								(in)	(mm)			*	(ft)		
7102-38304	3/8	9.5	4	0.8	19.1	0.21	0.31	4	97	300	21	HY	650		Reel
7102-50304	1/2	12.7	4	0.9	23.0	0.28	0.42	5	127	300	21	*	500		Reel
7102-75304	3/4	19.1	4	1.2	29.4	0.37	0.55	6	152	300	21	HY	400		Reel
7102-100304	1	25.4	4	1.5	37.0	0.54	0.80	8	203	300	21	HY	250		Reel
7102-125304	1-1/4	31.8	4	1.8	46.0	0.83	1.24	9	229	300	21	HY	250		Reel
7102-138304	1-3/8	34.9	4	1.9	48.9	0.89	1.33	10	241	300	21	*	200		Reel



WARNING: The products described in this catalog can expose you to chemicals, including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.p65warnings.ca.gov.

Tube: Black nitrile; ARPM Class A oil resistance

Reinforcement: Multiple textile plies with static wire

Cover: Black chloroprene; smooth finish

Temp. Range: Air: -70°F to +158°F (-57°C to +70°C)

Other Media: -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

Design Factor: 4:1

Industry Standards: None applicable

Applications:

- 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: ContiTech Arctic Ortac; Thermoid Glacier Multipurpose



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.