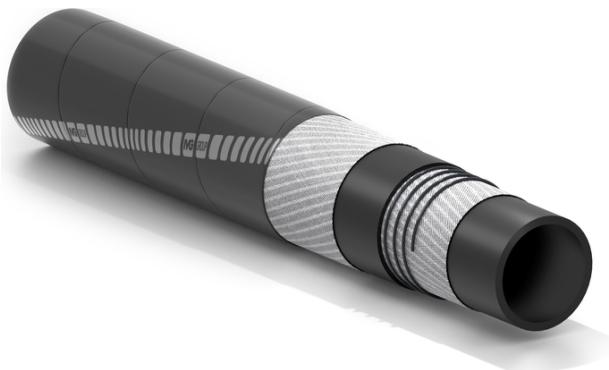




Poseidon LL



Fuel suction and delivery hose, fire resistant, used in pleasure boats



Specifications:

SAE J 1527:2022. USCG Type A1 Style R2.
 European directives 2013/53/UE, ISO 7840:21 A1
 E10/B10 compatible, RINA Approved
 N.DIP189423VE/002.

Application:

hardwall hose suitable to convey fuel with an aromatic content up to 50% in pleasure boats up to 24m length. Suitable to be installed even with narrow bending radius.

Permeation resistant
 Excellent bending radius
 Aromatic content up to 50%



Tube:

black, smooth, synthetic rubber.

Reinforcement:

high strength synthetic cord plus steel helix wire.

Cover:

black, smooth (wrapped finish), self-extinguishing synthetic rubber, oil, abrasion, and weathering resistant.

Temperature:

from -30°C (-22°F) to +100°C (+212°F).

Branding:

continuous yellow stripe "IVG BOAT POSEIDON LL - year - id - ISO 7840:21 A1 E10/B10 compatible- CE N.DIP189423VE/002 RINA - SAE J 1527:22 - USCG Type A1 - NMMA Type accepted".



Poseidon LL



Code	Inside diameter		Outside diameter		Working pressure		Burst pressure		Weight nominal		Bending radius		Length max	
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	mm	inch	m	ft
1441370	13	1/2	24,5	0,96	10	150	30	450	0,57	0,38	42	1,7	120	400
1423436	19	3/4	30,5	1,20	10	150	30	450	0,75	0,47	60	2,4	120	400
1423169	25	1	36,5	1,44	10	150	30	450	0,93	0,58	75	3,0	120	400
1423380	30	1-3/16	41,5	1,64	10	150	30	450	1,07	0,67	90	3,5	120	400
1423746	32	1-1/4	44	1,73	10	150	30	450	1,18	0,75	100	3,9	120	400
1422235	38	1-1/2	50	1,97	10	150	30	450	1,36	0,87	115	4,5	120	400
1423533	40	1-37/64	52	2,05	10	150	30	450	1,42	0,91	120	4,7	120	400
1427806	45	1-49/64	58	2,29	10	150	30	450	1,71	1,10	135	5,3	120	400
1422820	50	1-31/32	63	2,48	10	150	30	450	1,88	1,21	150	5,9	120	400
1423525	60	2-3/8	73,5	2,90	10	150	30	450	2,26	1,46	180	7,1	120	400
1448943	63,5	2-1/2	77	3,03	10	150	30	450	2,55	1,71	190	7,5	120	400

SPECIAL DETAILS

SAFETY INFORMATION – USER RESPONSIBILITIES

The service life of rubber hoses mainly depends on the dedicated use. Equipment and systems where the hose is installed must be designed safely. Since our hose can be designed for different applications, **IVG Colbachini** cannot guarantee the proper functioning of the product for all situations.

The analysis of the technical aspects related to specific uses must be performed by the users when choosing the product that meets their requirements. So, in relation to the variety of operating conditions and applications of the IVG hose, the user is solely responsible for the final choice of the product deemed suitable to satisfy the performance and safety requirements called for the application.

The information and technical data shown in the product data sheets must be examined by users with appropriate technical skills. IVG Colbachini is not responsible for other uses, identified by the end user, that are different from the one shown in its catalogues, product sheets, offers, order confirmations and any recommendations attached.

An inappropriate choice of the product or a failure to follow the procedures of installation, use, maintenance and storage of the hoses may lead to a hose break and cause material damage and/or serious injury to people.

For the selection and proper use of the IVG products you can also refer to the document "Recommendations for selection, storage, use and maintenance of rubber hoses" provided by Assogomma and available on www.ivgspa.it. These recommendations are according to the international standard ISO 8331, "Plastic and rubber hoses and hose assemblies - Guidelines for selection, storage, use and maintenance."

For safety reasons, never exceed the working pressure indicated in the product data sheet.

In general, continuous use at the maximum allowable pressures and/or temperatures significantly reduces the service life of the hose. At regular intervals, an inspection and a hydrostatic at the test pressure must be carried out to determine whether the hose is still suitable for use. The hydrostatic test must be performed by properly trained personnel using appropriate equipment and in accordance with recognized testing standards.

For specific applications of rubber hoses, please refer to the legal requirements or specific standards; moreover, additional recommendations for particularly critical applications are available.

For further information, contact the Marketing department (marketing@ivgspa.it).