

Amburgo

Water suction and discharge hose



Application:

hardwall, corrugated hose for suction and discharge of water, non corrosive fluids, or natural liquid fertilizers; suitable for agricultural and industrial applications, for overhead irrigation systems or for tank truck use.

Resistant to mud or sewage
Wide range of diameters
Flexible with corrugated cover

Tube:

black, smooth, synthetic rubber, resistant to mud or sewage.

Reinforcement:

high strength synthetic cord and helix wire.

Cover:

black, corrugated (wrapped finish), synthetic rubber, weathering, ozone and ageing resistant.

Temperature:

from -30°C (-22°F) to +70°C (+158°F).

Branding:

continuous green stripe "IVG Water (family logo)...".



Amburgo



Code	Inside diameter		Working pressure		Burst pressure		Weight nominal		Bending radius		Vacuum	Length max	
	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	mm	inch		bar	m
1019538	25	1	3	45	9	135	0,6	0,40	80	3,2	0,8	60	200
1019570	38	1-1/2	3	45	9	135	0,99	0,67	125	4,9	0,8	60	200
1019660	51	2	3	45	9	135	1,28	0,86	175	6,9	0,8	60	200
1019694	60	2-3/8	3	45	9	135	1,57	1,06	210	8,3	0,8	60	200
1019708	63,5	2-1/2	3	45	9	135	1,71	1,15	225	8,9	0,8	60	200
1019740	76	3	3	45	9	135	2,01	1,35	275	10,8	0,8	60	200
1450204	80	3-5/32	3	45	9	135	2,09	1,40	290	11,4	0,8	60	200
1019775	90	3-35/64	3	45	9	135	2,91	1,96	335	13,2	0,8	60	200
1413848	102	4	3	45	9	135	3,22	2,16	400	15,8	0,7	60	200
1439634	110	4-21/64	3	45	9	135	3,83	2,57	440	17,3	0,7	60	200
1413864	120	4-23/32	3	45	9	135	4,00	2,69	530	20,9	0,7	60	200
1002910	127	5	3	45	9	135	4,63	3,11	530	20,9	0,7	60	200
1413856	152	6	3	45	9	135	6,25	4,20	690	27,2	0,7	60	200
1442678	203	8	3	45	9	135	9,42	6,33	1010	39,8	0,7	60	200
1449370	254	10	3	45	9	135	11,67	7,84	1370	54,0	0,7	12	40

Variants available on request:

1. Different diameters
2. Different working pressures.

Recommended Couplings:



Irriv type BR



Irriv type CP



Storz

SPECIAL DETAILS

WARNINGS AND PRECAUTIONS

Rubber hoses have a service life proportional to their usage.

The equipment and systems where the hose is installed must be designed to ensure safe operation. Given the wide range of possible applications, IVG Colbachini does not guarantee suitability for all specific uses. The selection of the most appropriate product for the intended application, ensuring the required performance and safety standards, is the sole responsibility of the user.

IVG Colbachini shall therefore not be held liable for any use other than those indicated in its catalogues, product data sheets, quotations, order confirmations, or any accompanying recommendations.

Improper product selection and/or use, or failure to comply with installation, operation, maintenance, and storage procedures, may result in hose failure and cause damage to property or personal injury.

IVG Colbachini manufactures and markets both assembled hoses and hoses supplied without fittings.

Assembled Hoses

Before being placed on the market, the hose assembly is subjected by IVG to manufacturing control tests carried out by qualified personnel.

IVG declines all responsibility for any subsequent modifications, disassembly, or reinstallation of fittings performed by the user, as well as for uses that differ from those indicated in the product data sheet or in the absence of maintenance programs and periodic inspections.

Hoses and Fittings as spare parts

The user is responsible for assembling the hose and fittings, ensuring proper hose/fitting compatibility and compliance with the technical specifications for use. It is recommended that the hose assembly be subjected to a pressure tightness test carried out by qualified personnel.

IVG declines all responsibility in this regard.

Precautions

For proper selection and correct use of IVG products, reference should also be made to the recommendations issued by Assogomma, available at www.ivgspa.it, in accordance with ISO 8331 regarding installation, maintenance, methods and duration of use, as well as fitting stability and tightness.

For safety reasons, the working pressure indicated in the product technical data sheet must never be exceeded.

In general, continuous operation at maximum allowable pressure and/or temperature may significantly reduce the hose service life. Regular inspections and hydrostatic testing at the specified test pressure must therefore be carried out. Hydrostatic tests must be performed by adequately trained personnel using suitable equipment and in accordance with recognized testing standards.

For specific applications of rubber hoses, reference should be made to applicable legal requirements or compliance standards. Additional recommendations are available for particularly critical applications. For further information, please contact info@ivgspa.it.