

Air Water 10

Extruded hose for air and water



Application:

designed to convey water, non aggressive fluids and compressed air in various industrial and agricultural applications. For compressed air at a temperature exceeding 50°C, please contact IVG.

Extruded hose
Length up to 100 m
Weathering and ageing resistant

Tube:
black, seamless synthetic rubber compound.

Reinforcement:
high strength synthetic fabrics.

Cover:
black, seamless synthetic rubber compound, ageing and weathering resistant.

Temperature:
from -25°C (-13°F) to +80°C (+176°F).

Branding:
IVG RUBBER HOSE AIR-WATER 10 BAR W.P.
SIZE - BATCH NUMBER.



Air Water 10



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
1447300	5	12/61	10,5	0,41	10	150	30	450	0,09	0,06	30	1,2	100	328
1447319	8	5/16	15	0,59	10	150	30	450	0,17	0,11	50	2,0	100	328
1447327	10	25/64	15	0,59	10	150	30	450	0,13	0,09	60	2,4	100	328
1447335	10	25/64	17	0,67	10	150	30	450	0,2	0,13	60	2,4	100	328
1447343	12	15/32	17	0,67	10	150	30	450	0,15	0,10	70	2,8	100	328
1447351	13	1/2	19	0,75	10	150	30	450	0,2	0,13	80	3,2	100	328
1447360	15	19/32	21	0,83	10	150	30	450	0,23	0,16	90	3,5	60	200
1447378	16	5/8	23	0,91	10	150	30	450	0,29	0,20	100	3,9	60	200
1447386	19	3/4	26	1,02	10	150	30	450	0,34	0,23	110	4,3	60	200
1447394	20	25/32	30	1,18	10	150	30	450	0,52	0,35	120	4,7	60	200
1447408	22	7/8	30	1,18	10	150	30	450	0,42	0,28	130	5,1	60	200
1447416	25	1	33	1,30	10	150	30	450	0,47	0,32	150	5,9	40	131
1447424	25	1	35	1,38	10	150	30	450	0,61	0,42	150	5,9	40	131

Recommended Couplings:



Express



Rapid



Giroexp/F

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.