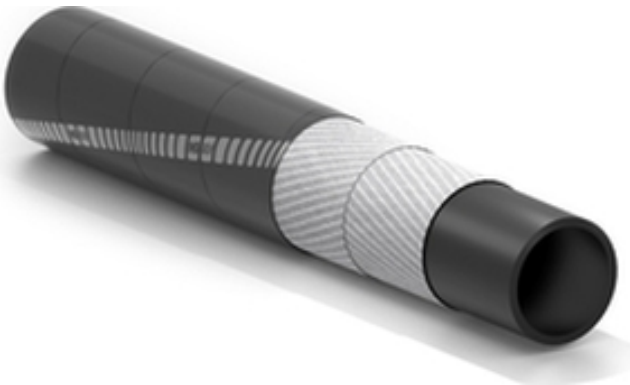


# IVG-GUARDIAN Electro

## Cable cooling hose



### Specifications:

Rubber cover flame retardant according to ASTM C-542. Tolerances on ID according to UNI EN ISO 1307:1997. Tolerances on wall thickness from 5,1 mm to 7 mm: +/- 0,7mm - from 7,1 mm to 10 mm: +/- 0,8 mm.

### Application:

softwall hose used as sleeves for cooling electrical cables. Elongation percentage: +-2% with hose at working pressure. - BENDING RADIUS AT THE PRESSURE OF 1 BAR -

Insulating rubber

High Temperature resistant

Flame retardant according to ASTM C-542



### Tube:

black, smooth, insulating EPDM rubber, suitable to convey hot water, process water, corrosion inhibitors and water mixed anti-freeze agents.

### Reinforcement:

high strength synthetic cord.

### Cover:

black, smooth (wrapped finish), insulating CR rubber, resistant to weather, ozone, radiant heat electric arc furnaces process, self-extinguishing according to ASTM C-542.

### Temperature:

from -40°C to +90°C, up to +110°C shortly.

### Electrical resistance:

$R > 1 \times 10^{11} \Omega/m$ . Breakdown voltage > 6kV/mm.

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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
1463187	19	3/4	30	1,18	10	150	30	450	0,51	0,34	70	2,8	120	400
1468510	25	1	37	1,46	10	150	30	450	0,72	0,48	80	3,2	120	400
1468537	30	1-3/160	42	1,65	10	150	30	450	0,84	0,56	80	3,2	120	400
1468529	32	1-1/4	44	1,73	10	150	30	450	0,88	0,59	90	3,5	120	400
1466798	35	1-3/8	48	1,89	10	150	30	450	1,06	0,71	100	3,9	120	400
1466836	40	1-37/64	53	2,09	10	150	30	450	1,2	0,81	140	5,5	120	400
1463195	42	1-21/32	55	2,17	10	150	30	450	1,24	0,83	150	5,9	120	400
1460625	50	2	65	2,56	10	150	30	450	1,7	1,14	150	5,9	120	400
1468545	55	2-13/64	70	2,76	10	150	30	450	1,85	1,24	170	6,7	120	400
1466801	60	2-3/8	76	2,99	10	150	30	450	2,15	1,45	170	6,7	120	400
1468553	63,5	2-1/2	79	3,11	10	150	30	450	2,18	1,46	180	7,1	120	400
1463217	70	2-3/4	86	3,39	10	150	30	450	2,5	1,68	190	7,5	120	400
1466810	80	3-5/32	96	3,78	10	150	30	450	2,67	1,79	220	8,7	120	400
1466828	90	3-35/64	108	4,26	10	150	30	450	3,36	2,26	220	8,7	120	400
1464906	100	4	118	4,65	10	150	30	450	3,7	2,49	300	11,8	120	400

Variants available on request:

1. Different diameters.

## 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](http://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.**

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](mailto:marketing@ivgspa.it)).