

Flexisil

Cooling systems hose



Application:

softwall silicone hose designed for conveying hot air, exhaust gas, or fluids like water mixed with anti-freeze liquids, with good oil resistance. Suitable to be used in cooling systems of cars and industrial vehicle engines, where high temperature resistance is required. (Temperature range for water and anti-freeze liquids: from -40°C/-40°F to +100°C/212°F).

Silicon rubber
 Flame retardant
 Shiny finish

Specifications:

Flame retardant rubber compounds according to ASTM C-542. SAE J20 R1.



Tube:
 red, smooth, silicone.

Reinforcement:
 synthetic cord.

Cover:
 red, shiny, silicone.

Temperature:
 from -50°C (-58°F) to +200°C (+392°F), for few minutes peaks up to +220°C (+428°F).

Branding:
 continuous white stripe "IVG Hot (family logo)...".



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Code	Inside diameter		Outside diameter		Working pressure		Burst pressure		Weight nominal		Length max	
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	m	ft
2500269	8	5/16	16	0,63	3	45	9	135	0,17	0,11	60	200
2500270	15	19/32	23	0,91	3	45	9	135	0,27	0,18	60	200
1700292	19	3/4	27	1,06	3	45	9	135	0,33	0,22	60	200
2500271	22	55/64	30	1,18	3	45	9	135	0,38	0,26	60	200
1491865	25	1	33	1,30	3	45	9	135	0,42	0,28	60	200
1478478	32	1-1/4	40	1,58	3	45	9	135	0,52	0,35	60	200
1483439	51	2	59	2,33	3	45	9	135	0,79	0,53	60	200
2500273	55	2 11/64	63	2,48	3	45	9	135	0,85	0,57	60	200
1600324	63,5	2 1/2	71,5	2,81	3	45	9	135	0,97	0,65	60	200
1600323	76	3	84	3,31	3	45	9	135	1,15	0,77	60	200
1489666	90	3-35/64	98	3,86	3	45	9	135	1,36	0,91	12	40
1600368	102	4	112	4,41	1	15	3	45	1,87	1,25	12	40
1489690	114	4-31/64	124	4,89	1	15	3	45	2,07	1,39	12	40
1496735	127	5	137	5,40	1	15	3	45	2,3	1,55	12	40

Variants available on request:

1. Different diameters.
2. Different colours.

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.

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).