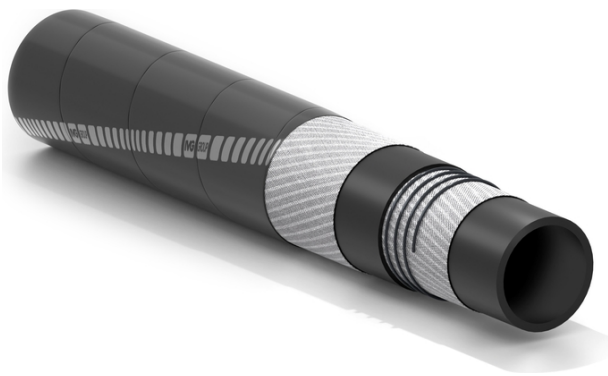


Houston/pet

Cooling systems hose



Specifications:

EN 45545-2:2015 HL2 R22 and R23. NF F 16-101 F1-I3 (grid 10 and 11).

Application:

hardwall hose designed to convey deionised water and ethylene glycol. Particularly suitable for applications on underchassis cooling system.

For cooling systems

According to EN 45545-2 HL2 R22 and R23

With PET helix



Tube:

black, smooth, synthetic rubber, electrically insulating.

Reinforcement:

high strength synthetic cord plus PET spiral.

Cover:

black, smooth (wrapped finish), synthetic rubber, electrically insulating.

Temperature:

from -40°C (-40°F) to +80°C (+176°F).



Houston/pet



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
1422960	10	25/64	21	0,83	5	75	30	450	0,39	0,26	40	1,6	60	200
1436929	13	1/2	24	0,95	5	75	30	450	0,46	0,31	50	2,0	60	200
1410741	15	19/32	28,5	1,12	5	75	30	450	0,66	0,44	60	2,4	60	200
1465481	19	3/4	32,5	1,28	5	75	30	450	0,77	0,52	80	3,2	60	200
1479474	22	7/8	37	1,46	5	75	30	450	1,02	0,69	90	3,5	60	200
1479334	32	1-1/4	47	1,85	5	75	30	450	1,41	0,90	130	5,1	60	200
1422979	40	1-37/64	54	2,13	5	75	30	450	1,51	1,02	250	9,9	60	200

Variants available on request:

1. Different diameters.

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.