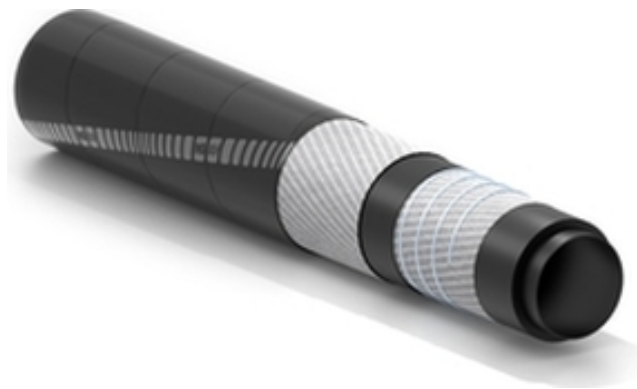


Fluostar

Chemicals and solvents, PFA conductive tube



Application:

hardwall hose with PFA tube (perfluoroalkoxy), suitable to convey almost all chemical products, as found in the IVG chemical resistance chart. Suitable for road and rail tankers unloading bays as well as mobile and fixed installations in chemical pharmaceutical and allied industries. Designed to be sterilized at 150°C (+302°F) with standard CIP.

PFA resistant to a very large number of chemicals
 Electrically conductive
 Excellent thermal resistance

Specifications:

EN 12115:2021. Phthalates free (REACH Reg.).
 Tube FDA tit. 21 it. 177.1550. Tube USP class VI.



Tube:

PFA black, conductive, specular, smooth, food quality and with exceptional thermal quality. Chemical resistance according to IVG chemical resistance chart. For temperature exceeding 50°C contact IVG

Reinforcement:

high strength synthetic cord, steel helix wire.

Cover:

black, smooth (wrapped finish), conductive EPDM rubber, resistant to chemicals, abrasion, ozone and weathering.

Temperature:

-40°C (-40°F) +150°C (+302°F) depending on medium.

Electrical resistance:

Ω/T, electrically conductive hose. Electrical resistance for lengths equal to or lower than 40 m.

Branding:

continuous white/blue/red stripe "IVG Chem (Family logo)..." + embossed acc. to EN 12115.



Fluostar



Code	Inside diameter		Outside diameter		Working pressure		Burst pressure		Weight nominal		Bending radius		Vacuum		Length max	
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	mm	inch	bar	m	ft	
1490664	19	3/4	31,5	1,24	16	240	64	960	0,69	0,46	90	3,5	0,9	10	33	
1478818	25	1	38	1,50	16	240	64	960	0,95	0,64	120	4,7	0,9	10	33	
1488821	32	1 1/4	45	1,77	16	240	64	960	1,15	0,77	150	5,9	0,9	10	33	
1477285	38	1 1/2	51,5	2,03	16	240	64	960	1,35	0,91	180	7,1	0,9	10	33	
1478699	51	2	65,5	2,58	16	240	64	960	1,98	1,33	250	9,8	0,9	10	33	
2200293	63,5	2 1/2	78,5	3,09	16	240	64	960	2,30	1,55	320	12,6	0,9	10	33	
1481762	76	3	91,5	3,60	16	240	64	960	2,82	1,89	400	15,7	0,9	10	33	

Recommended Couplings:



Flanges



Camlock



Clamp

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).