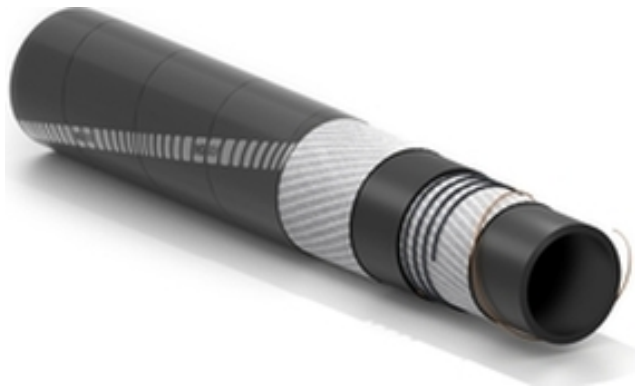


Avio Global E

Fuel hose for aircrafts, type E



Specifications:

API 1529:2005. AS 2683. ISO 1825. NFPA 407. VG 95955.

Application:

flexible hose designed for discharging operations of aircrafts. The hose is suitable to convey petroleum products and jet A1 fuel with aromatic content up to 50%. Reinforced with a steel wire, it is suitable for suction and discharge tank trucks.

With steel spiral

For A1 jet fuel

It complies with the regulations of various countries



Tube:

extruded, black, smooth, NBR rubber compound.

Reinforcement:

high strength synthetic cord, embedded steel wire, copper wires to dissipate electrical discharges.

Cover:

black, smooth, wrapped finished, antistatic rubber compound, resistant to weathering, abrasion and traces of oil.

Temperature:

from -25°C(-13°F) to +70°C(+158°F).

Electrical resistance:

electrically conductive.

Branding:

continuous yellow brand "IVG Oil (family logo)..." - embossed marking with requested specification.



Avio Global E



Code	Inside diameter		Outside diameter		Working pressure		Burst pressure		Weight nominal		Min. Reel size		Vacuum	Length max	
	mm	inch	mm	inch	bar	psi	bar	psi	kg/m	lbs/ft	mm	inch		bar	m
1430947	25	1	39	1,54	20	300	80	1200	1,01	0,68	300	11,8	0,85	62	203
1406221	38	1-1/2	52	2,05	20	300	80	1200	1,47	0,99	450	17,7	0,85	62	203
1415301	50	1-31/32	67,5	2,66	20	300	80	1200	2,33	1,57	550	21,7	0,85	62	203
1412264	63,5	2-1/2	82,5	3,25	20	300	80	1200	3,14	2,11	600	23,6	0,85	62	203
1407147	75	2-61/64	94	3,70	20	300	80	1200	3,61	2,42	600	23,6	0,85	62	203
1406205	100	3-5/16	118,5	4,67	20	300	80	1200	4,75	3,18	900	35,5	0,85	62	203

Variants available on request:

1. Fluorescent marking, which allows the visibility during night operations.

Recommended Couplings:



TW EN 14420-6



Camlock EN 14420-7 (DIN 2828)



Safety clamps EN 14420-3 (DIN 2817)

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).