



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
1132997	8	5/16	15	0,59	20	300	60	900	0,16	0,11	120	400
1180231	10	25/64	20	0,79	20	300	60	900	0,28	0,19	120	400
1273507	13	1/2	23	0,91	20	300	60	900	0,34	0,23	120	400


**EN**

## Pantographs hose

**Standards:** Hose according to EN 45545-2:20, HL2 for internal (R22) and external (R23); UNI 4882.

**Application:** softwall hose with a high grade of resistance to surface electrical tension for stationary pneumatic piping of rail and tramway vehicles. It was designed for the pneumatic control of pantographs, contactors, and pneumatic equipment for protection and control.

**Temperature:** from -30°C (-22°F) to +90°C(+194°F).

**Construction**

**Tube:** black, smooth, oil resistant, synthetic rubber.

**Reinforcement:** high strength synthetic cord.

**Cover:** black, smooth (wrapped finish), synthetic rubber, resistant to weathering, ozone and oils.

**Branding:** continuous white stripe "IVG/quarter and year of production/UNI 4882".

**Also available upon request:** 1. Different diameters.

**RU**

## Рукав для пантографного токоприёмника

**Нормативы:** Рукав в соответствии с EN 45545-2:20, HL2 для внутреннего (R22) и наружного (R23); UNI 4882.

**Применение:** рукав для сжатого воздуха с высокой устойчивостью к электрическому поверхностному напряжению для стационарных пневматических трубопроводов вагонов и локомотивов. Разработан для пневматического командного управления пантографного токоприёмника, счётчиков и защитно-контрольного пневматического оборудования.

**Температура:** от -30°C до +90°C.

**Конструкция**

**Внутренний слой:** чёрный, гладкий из маслобензостойкого синтетического каучука.

**Усиление:** высокопрочный синтетический корд.

**Покрытие:** чёрное, гладкое (с отпечатком текстильного бандажа) из синтетического маслобензостойкого каучука устойчивое к атмосферным воздействиям и озону.

**Маркировка:** белая маркировочная лента "IVG/рабочий квартал и год производства /UNI 4882".

**В наличии по запросу:** 1. Другие диаметры.

## 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 SpA 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)).