



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.

**CN**

## 受电弓管

**质量标准:** 管道符合EN 45545-2:20, HL2符合车厢内部 (R22) 和外部 (R23); 符合UNI 4882标准.

**应用范围:** 软壁管, 具有级好的表面抗张力。应用于轨道车辆与电车的固定式管道, 用于受电弓, 接触器的气动控制以及气动设备的保护和控制。

**温度范围:** -30° C (-22° F) 到 +90° C(+194° F)。

**软管结构**

**内层:** 黑色, 光滑, 耐油合成橡胶。

**加强层:** 高强度合成线绳。

**外层:** 黑色, 光滑 (表面布纹), 合成橡胶, 耐腐蚀, 耐氧化, 耐油。

**商标:** 连续白色条形标记 "IVG/ 季度和年/UNI 4882"。

**可选择项:** 1. 不同口径。

## 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)).