

AIRNET is suitable for use with:

- **compressed air (lubricated, oil-free, dry, wet)**
- **inert gases (argon, nitrogen, hydrogen, ...)**

Material specifications:

- Tubes : Aluminium ANSI B241 UNS Alloy A96063 T5
- Plastic fitting bodies : Polyamide 6 – GF20
- Metal fitting bodies : Aluminium alloy 46100
- O-ring : NBR 70Sh

Material compatibility:

Fluid	Airnet plastic parts	Aluminium	brass	NBR
Helium	satisfactory	satisfactory	satisfactory	satisfactory
Neon	satisfactory	satisfactory	satisfactory	satisfactory
Argon	satisfactory	satisfactory	satisfactory	satisfactory
Hydrogen	satisfactory	satisfactory	satisfactory	satisfactory
Nitrogen	satisfactory	satisfactory	satisfactory	satisfactory

This data on the compatibility of gases with materials is assembled to assist you in evaluating which products to use with the Airnet system. Although the information has been compiled from what Atlas Copco believes are reliable sources (International Standards: Compatibility of cylinder and valve materials with gas content; Part 1: ISO 11114-1 (Jul 1998), Part 2: ISO 11114-2 (Mar 2001)), it must be used with caution. No raw data such as this can cover all conditions of concentration, temperature, humidity, impurities and aeration. It is therefore recommended that this table is used to choose possible materials and in doubt more extensive investigation and testing is carried out under the specific conditions of use.