

Medical Hose Assemblies

Phthalate-free PU medical gas hose

Hose assemblies are available in a variety of lengths and gas services. They provide versatility where needed at an affordable price. All NIST valves, bodies, nuts and nipples are manufactured to comply with the latest edition of ISO 18082, Diameter Index Safety System.

Technical Datasheet

Medical Hose Assemblies



Capable of retracting when not in use

Colour coded for easy identification

With NIST body, gas will continue to flow when disconnecting NIST nut and nipple



General Specifications

- Max Length 10 Meters
- 1/4" ID hose
- Gas Specific

Permeability test results

- 0 cm³/m² .h .bar for all gases

Water vapour permeability test results

- Water content in retained gas = 1.4-1.6 mg/L

Toxicological information liner and cover material

- The material has the following approvals and certificates of compliance for all these
 - USP VI compliance having passed the Acute System Toxicity, Intracutaneous Toxicity and Implantation Tests
 - FDA 175.105 for Food contact applications & EU food contact approval

Toxicological information gas barrier layer

- The material has the following approvals and certificates of compliance for all these
 - FDA 175.105, FDA 177.1680, FDA 177.1210 & FDA 177.2600 for Food contact applications
 - EU food contact approval
 - USP VI compliance having passed the Acute System Toxicity, Intracutaneous Toxicity and Implantation Tests

Plasticisers & Bonding Agents (Cyclohexanone)

- No bonding or plasticisers are used in the manufacture of these materials or hoses, therefore there will be no post-production leaching out of any such chemicals

Manufacturing environment & storage

- Complies with BS EN ISO 15001:2004

Product Identification

- Gas Identity - ESD BS EN ISO 5359:2008 - PureHose Pf - Batch Number

Services Used

Oxygen	Nitrous Oxide	Entonox	Medical Air	Surgical Air	Medical Vacuum	Nitrogen	Carbon Dioxide	AGSS

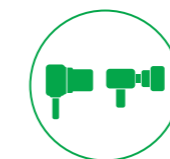
Code of Compliance and Guidance

- | | | | |
|--------------|---------------|--------------|------------|
| • HTM 02-01 | • C11 | • EN 1041 | • EN 15223 |
| • HTM 2022 | • EN 5682 | • EN 10993-1 | • EN 18082 |
| • ISO 7396-1 | • EN ISO 5359 | • EN 14971 | • EN 18562 |

Options



Straight and 90° fittings available



8 mm ID hose as standard for Surgical Air and Vacuum services



There is no recommended maintenance interval for this product.