

# Medical gas hoses

## Quality standards

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### Why quality matters

High quality hoses are a vital component for delivering medical gases to patients in healthcare settings including intensive care units, operating rooms, and emergency departments. They are complex medical devices that need to be precisely manufactured and must adhere to strict regulatory standards.

### Meeting and exceeding standards

At BPR Medical, we take medical gas hose requirements for performance and durability beyond the ISO standard (ISO 5359:2014) to ensure the highest quality product, maximising its performance and lifespan in an often intense and demanding environment.

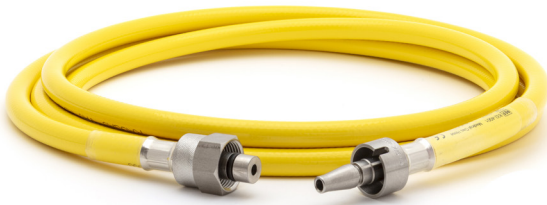


Important: Medical gas hoses must meet the Medical Device Directive (MDD) and the Medical Device Regulation (MDR). Reconditioned hoses cannot meet these regulatory requirements. That is why we never recondition them.

## A rigorous testing process

Every single hose is tested to confirm its mechanical integrity to meet ISO 5359 standards. In addition, they are:

- Independently tested for biocompatibility to ISO 18562-2 and ISO 18562-3, assuring compliance with ISO 18562-1 and ISO 10993-1
- Tested to ensure the resistance to flow is within defined limits
- Tested for external leakage
- Tested for gas specificity of end connectors
- Lifetime proven through an accelerated aging process



## A unique, built-to-last design

- All our hoses are free of di (2-ethylhexyl) phthalate (DEHP), other phthalate plasticisers and latex
- The proven bell flange design of our crimped connections ensures flexing of the hose after years of use will not damage the hose
- Consistently strong connections are created thanks to a robust crimping process validation
- End connectors are all stainless steel to ensure durability
- Hose colour coding and labelling have been proven resistant to commonly used disinfecting agents
- Sub-surface printing ensures labels remain legible for the life of the hose

## About BPR Medical

BPR Medical is an international leader in the design and manufacture of medical high quality gas therapy solutions. All our products are designed and manufactured to exacting standards at our world class manufacturing facility in the UK and are compliant to all relevant European and international standards.

Every device we produce undergoes stringent tests at every stage of the production process. As a result, we tightly control quality along the full length of the manufacturing pipeline, meaning that BPR Medical devices are trusted to deliver the highest level of safety and performance.

For more information contact our expert team on 01623 628 281 or [info@bprmedical.com](mailto:info@bprmedical.com) or visit [www.bprmedical.com](http://www.bprmedical.com)

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**Quality you can trust,  
people you can count on.**

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