



**NeuVend SI™ Lined  
Flexible Hose  
Information Sheet**

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# NeuVend SI Lined Flexible Hose

This information sheet is provided for guidance only and represents a typical configuration for across the range. Final specifications may vary depending on individual client requirements, site conditions, and bespoke design.

## Intended Use

NeuVend SI™ Lined Flexible Hose / Triple Layer Hose with Biomaster Antimicrobial Protection.

Conveyance of hot and cold potable water in applications where enhanced protection against microbial contamination is required.

## Typical Applications

- Hospitals and healthcare facilities
- Dental clinics
- Nursing and care homes
- HVAC systems
- Aviation and leisure facilities
- Any potable water system with infrequent use or elevated temperature
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## Construction

- Triple-layer hose design
- Natural liner
- Black inner layer acting as a light barrier
- White outer cover
- Alternative colours available on request



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## Antimicrobial Protection

- Biomaster Antimicrobial Protection integrated into hose liner
- Silver-ion based additive dispersed throughout the polymer
- Will not wash off or degrade during normal use
- Three-stage antimicrobial action:
  - Disrupts bacterial cell walls
  - Inhibits energy production
  - Prevents DNA replication
  - Prevents bacterial resistance development

## Microbiological Performance

- Tested in accordance with ISO 22196:2011
- Proven reduction of harmful bacteria by up to 99.99%
- Effective against:
  - Legionella
  - Pseudomonas
  - MRSA
  - E. coli
  - Listeria
  - Salmonella
  - Campylobacter
- Proven to remove over 80% of bacteria within 15 minutes
- Antimicrobial efficacy maintained for the life of the product
- Designed for wall-mounted installation
- Manufactured to suit wall construction and thickness
- Seamless integration into existing facilities



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# NeuVend SI Lined Flexible Hose

## Compliance & Certification

- Tested to BS 6920
- WRAS approved for potable water conveyance
- WRAS approval number 1202505 (liner)
- WRAS approval number 1202506 (hose)

## Operating Temperature

- Temperature range: -20 °C to +85 °C

## Water Safety Benefits

- Reduces risk of chemical leaching
- Minimises biofilm formation
- Supports infection prevention and water safety management plans



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