

Bioprene Hose 50 mm

Bredel Bioprene hose



Features and benefits

- Tight tolerances for low stress on bearings
- Perfect compression for long life
- Pressure capability up to 3.5 bar (51 psi)
- Compliant to FDA 21 CFR 177:2600 standards
- Repeatable volumetric accuracy to $\pm 1\%$
- Exceptional performance when handling high viscosity product
- Max. fluid temperature: 176 °F, Min. fluid temperature: 41 °F



Technical specifications

	Bioprene Hose 50 mm
Max. operating pressure	51 psi (3.5 bar)
Operating temperature	41 °F to 113 °F (5 °C to 45 °C)
Fluid temperature ranges	41 °F to 176 °F (5 °C to 80 °C)
Bore size	1.97 in (50 mm)
Wall thickness	0.551 in (14 mm)
Length	71.7 in (1820 mm)

Your local Bredel sales office/distributor can advise the right hose for your application.

For best pump performance use Bredel Genuine Hose Lubricant (NSF Non food Compound Program Listed, category H1)

Materials of construction

	Bioprene Hose 50 mm
Material	Bioprene
Inner layer	Bioprene

Disclaimer: The information contained in this document is believed to be correct at the time of publication, but Watson-Marlow Bredel BV accepts no liability for any error it contains, and reserves the right to alter specifications without prior notice. All mentioned values in this document are values under controlled circumstances at our test bed. Actual flow rates achieved may vary because of changes in temperature, viscosity, inlet and discharge pressures and/or system configuration. APEX, DuCoNite, Bioprene and Bredel are registered trademarks.



wmfts.com/global
28 October 2025