

# EPDM Hose 100

EPDM hose

**Bredel**

Hose Pumps

## Features and benefits

- Tight tolerances for low stress on bearings
- Perfect compression for long life
- Excellent suction capability up to 6.5 mWC (256 inWC)
- High pressure capability 16 bar (232 psi)
- Repeatable volumetric accuracy to  $\pm 1\%$
- Max. fluid temperature: 80°C (176°F), Min. fluid temperature: -10 °C (14 °F)



## Technical specifications

	EPDM Hose 100
Max. operating pressure	16 bar
Max. operating pressure	232 psi
Max. suction capability	6.5 mWC
Max. suction capability	256 inWC
Suction capability (80% Flow rate)	4.5 mWC
Suction capability (80% Flow rate)	177 inWC
Operating temperature range	-20 °C to 45 °C
Operating temperature range	-4 °F to 113 °F
Fluid temperature range	-10 °C to 80 °C
Fluid temperature range	14 °F to 176 °F
Bore size	100 mm
Bore size	3.94 in
Wall thickness	22 mm
Wall thickness	0.866 in
Length	3280 mm
Length	129.1 in
Weight	30 kg
Weight	66.14 lbs

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

	EPDM Hose 100
Material	EPDM
Inner layer	EPDM
Outer layer	Natural rubber (NR)

## Hose composition



1. Rough hose surface prior to machining.
2. Precision machined NR outer layer.
3. Two or four nylon cord reinforcement layers.
4. Inner layer available in NR, EPDM, NBR, F-NBR or CSM.

## Product codes



	Label codes
A	Pump type
B	Re-order number
C	Bore size
D	Material of the inner layer
E	Maximum permitted pressure
F	Factory code [material; year; month]

On one end of each hose the factory code [material; year; month] and the batch number are engraved.

Year: last digit (7 = 2017)

Month: A = Jan, E = May

Material: E = F-NBR, M = CSM, NM or NT = NR, P = NBR, S = EPDM

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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.

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