

# F-NBR Hose 50

F-NBR hose

**Bredel**

Hose Pumps

## Features and benefits

- White inner surface for food contact
- Compliant to EC1935/2004 and FDA 21CFR177.2600 and meets 3A standards.
- Perfect compression for long life
- Excellent suction capability up to 9 mWC (354 inWC)
- High pressure capability 16 bar (232 psi)
- Repeatable volumetric accuracy to  $\pm 1\%$
- Exceptional performance when handling high viscosity product
- Max. fluid temperature: 80 °C (176 °F), Min. fluid temperature: -10 °C (14 °F)



## Technical specifications

	F-NBR Hose 50
Max. operating pressure	16 bar
Max. operating pressure	232 psi
Max. suction capability	9 mWC
Max. suction capability	354 inWC
Suction capability (80% Flow rate)	6 mWC
Suction capability (80% Flow rate)	236 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	50 mm
Bore size	1.97 in
Wall thickness	15 mm
Wall thickness	0.591 in
Length	1820 mm
Length	71.7 in
Weight	6 kg
Weight	13.23 lbs

For continuous duty, we recommend up to 60°C product temperature. However, for product temperature up to 80°C, intermittent duty is recommended. 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

	F-NBR Hose 50
Material	F-NBR
Inner layer	F-NBR
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: A = NBR for Food, E = F-NBR, M = CSM, NM or NT = NR, P = NBR, S = EPDM

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