

# NBR for Food Hose 20

NBR for Food hose

**Bredel**

Hose Pumps

## Features and benefits

- Suitable for a wide range of food products
- Perfect compression for long life
- Excellent suction performance – 9 m suction lift
- High pressure capability – up to 145 psi
- Repeatable volumetric accuracy to  $\pm 1\%$
- Consistent capacity independent of varying suction and discharge conditions
- Exceptional performance when handling high viscosity product
- Max. fluid temperature: 176 °F, Min. fluid temperature: 14 °F



## Technical specifications

	NBR for Food Hose 20
Max. operating pressure	10 bar
Max. operating pressure	145 psi
Max. suction capability	9 mWC
Max. suction capability	354 inWC
Suction capability (80% Flow rate)	8 mWC
Suction capability (80% Flow rate)	315 inWC
Operating temperature range	-20 to 45 °C
Operating temperature range	-4 to 113 °F
Fluid temperature range	-10 to 80 °C
Fluid temperature range	14 to 176 °F
Bore size	19 mm
Bore size	0.75 in
Wall thickness	8.5 mm
Wall thickness	0.337 in
Length	755 mm
Length	29.7 in
Weight	0.6 kg
Weight	1.32 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

	NBR for Food Hose 20
Material	NBR
Inner layer	NBR
Outer layer	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, NR Endurance, EPDM, NBR, F-NBR or CSM.

**Product codes**

High precision pump element machined for:

**A** — **Bredel 50**

**B** — **050065**

**C** — **50 mm**

**D** — **NBR**

for food contact

**E** — **16 bar 232 psi**

**F** — **A3F**

Watson-Marlow Bredel B.V. Delden, Netherlands

**Bredel**  
Hose Pumps  
Made in the Netherlands

	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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