

F-NBR Hose 20

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 10 bar (145 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 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 °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	20 mm
Bore size	0.79 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

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 20
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

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



02 May 2024