

NBR (Buna N) 100

NBR (Buna N) 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 mWC (236 inWC)
- High pressure capability 16 bar (232 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: 80 °C (176 °F), Min. fluid temperature: -10 °C (14 °F)



Technical specifications

	NBR (Buna N) 100
Max. operating pressure	16 bar (232 psi)
Max. suction capability	6 mWC (236 inWC)
Suction capability (80% Flow rate)	4 mWC (157 inWC)
Operating temperature	-20 °C to 45 °C (-4 °F to 113 °F)
Fluid temperature	-10 °C to 80 °C (14 °F to 176 °F)
Bore size	100 mm (3.94 in)
Wall thickness	22 mm (0.866 in)
Length	3280 mm (129.1 in)
Weight	30 kg (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

	NBR (Buna N) 100
Material	NBR
Inner layer	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, NR Endurance, 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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