

NR Metering hose 80

NR Metering hose

Bredel

Hose Pumps

Features and benefits

- Manufactured for high consistency and repeatability
- Consistent capacity over the full hose life, independent of varying suction and discharge conditions
- Outstanding abrasion resistance from extruded inner layer
- Precision machined to ensure critical tolerances are maintained
- Pressure capability up to 16 bar (232 psi)
- Suction capability up to 9 mWC (354 inWC)
- Max. fluid temperature: 80 °C (176 °F), Min. fluid temperature: -20 °C (-4 °F)



Technical specifications

	NR Metering hose 80
Max. operating pressure	16 bar (232 psi)
Max. suction capability	9 mWC (354 inWC)
Suction capability (80% Flow rate)	7 mWC (276 inWC)
Operating temperature	-20 °C to 45 °C (-4 °F to 113 °F)
Fluid temperature	-20 °C to 80 °C (-4 °F to 176 °F)
Bore size	80 mm (3.15 in)
Wall thickness	21 mm (0.827 in)
Length	2.78 m (9.12 ft)
Length	2780 mm (109.4 in)
Weight	21 kg (46.3 lbs)

Your local Bredel sales office/distributor can advise the right hose for your application. For best pump performance use Bredel Genuine Hose Lubricant

Materials of construction

	NR Metering hose 80
Material	Natural rubber (NR)
Inner layer	Natural rubber (NR)
Outer layer	Natural rubber (NR)

Hose composition



	Hose composition
1	Rough hose surface prior to machining
2	Precision machined NR outer layer
3	Four nylon cord reinforcement layers
4	Inner layer available in NR

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

Disclaimer: The information contained in this document is believed to be correct at the time of publication, but Watson-Marlow Breidel 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 Breidel are registered trademarks.



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