

# APEX NBR Hose 28

APEX NBR hose

**Bredel**

Hose Pumps

## Features and benefits

- Tight tolerances for low stress on bearings
- Perfect compression for long life
- Excellent suction capability up to 9 mWC (354 inWC)
- High pressure capability 8 bar (115 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

|                                    | APEX NBR Hose 28                  |
|------------------------------------|-----------------------------------|
| Max. operating pressure            | 8 bar (115 psi)                   |
| Max. suction capability            | 9 mWC (354 inWC)                  |
| Suction capability (80% Flow rate) | 8 mWC (315 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                          | 28 mm (1.1 in)                    |
| Wall thickness                     | 13.2 mm (0.519 in)                |
| Length                             | 914 mm (36 in)                    |
| Weight                             | 1.85 kg (4.03 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

|             | APEX NBR Hose 28    |
|-------------|---------------------|
| 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, EPDM, NBR, F-NBR or CSM.

## Product codes

**A: Pump type** High precision pump element machined for

**B: Re-order number** **APEX 15**

**C: Bore size** 300002020

**D: Material of the inner layer** 15 mm NR

**E: Maximum permitted pressure** 8 bar 115 psi

**F: Factory code** N7A

[material;year;month]

E=F-NBR / M=CSM / N=NR / P=NBR / S=EPDM

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Hose Pumps

Year : last digit (7 = 2017) Month : A = Jan, E = May  
(Code is engraved on the end of each hose)

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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