

# NR Transfer hose 80

NR Transfer hose

**Bredel**

Hose Pumps

## Features and benefits

- Manufactured for maximum service life
- Exceptional long hose life in fluid transfer applications
- Excellent abrasion resistance
- Manufactured to tight tolerances
- Pressure capability up to 12 bar (174 psi)
- Suction capability up to 8 mWC (315 inWC)
- Max. fluid temperature: 80 °C (176 °F), Min. fluid temperature: -20 °C (-4 °F)



## Technical specifications

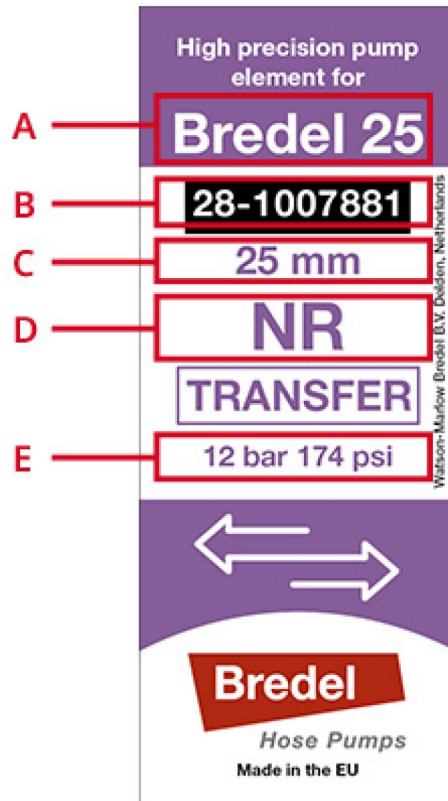
|                                    | NR Transfer hose 80               |
|------------------------------------|-----------------------------------|
| Max. operating pressure            | 12 bar (174 psi)                  |
| Max. suction capability            | 8 mWC (315 inWC)                  |
| Suction capability (80% Flow rate) | 5 mWC (197 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                     | 20.5 mm (0.81 in)                 |
| Length                             | 2.82 m (9.25 ft)                  |
| Length                             | 2820 mm (110.83 in)               |
| Weight                             | 20.04 kg (44.09 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 Transfer hose 80 |
|-------------|---------------------|
| Material    | Natural rubber (NR) |
| Inner layer | Natural rubber (NR) |
| Outer layer | Natural rubber (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  |

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 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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