

NEW

Bredel

Hose Pumps

NR Transfer hose elements

The NR Transfer hose has been developed to provide exceptionally long hose life for fluid transfer applications up to 12 bar, including sludges with high solid content, food and beverage and abrasive slurries.

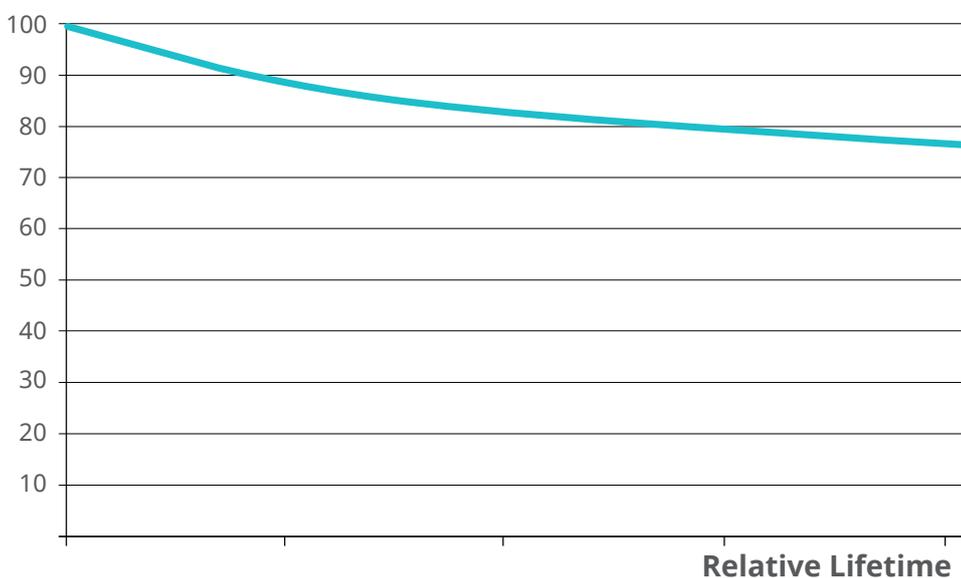
NR Transfer hoses from Bredel are manufactured using high quality compound rubbers and reinforced with individual layers of braided nylon. They are constructed to meet the most rigorous quality control standards. They offer hose pump users long-life performance for their fluid transfer applications.

Features and benefits

- Maximum service life
- Exceptionally long hose life in fluid transfer applications
- Excellent abrasion resistance
- Manufactured to tight tolerances
- Pressure capability up to 12 bar (174psi)
- Suction capability up to 9 mWC (354 inWC)

Typical flow curves

Relative Flow (%)



NR Transfer hose

Typical performance test conditions: pumping water at 18°C (64°F) at 5 bar (73 psi) and 50rpm

NR Transfer hose elements

Technical specifications

| | NR Transfer hose |
|------------------------------------|---------------------------|
| Max. operating pressure | 12 bar (174psi) |
| Max. suction capability | 9 mWC (354 inWC) |
| Suction capability (80% Flow rate) | 6 mWC (236 inWC) |
| Operating temperature range | -20 to 45°C (-4 to 113°F) |
| Fluid temperature range | -20 to 80°C (-4 to 176°F) |

Sizes available

NR Transfer hose

| Hose | Bore size mm (inch) | Length m (inch) | Weight kg (lb) |
|-----------------|---------------------|-----------------|----------------|
| 25 NR Transfer | 25 (1.0) | 1.0 (40) | 1.9 (4.1) |
| 32 NR Transfer | 32 (1.3) | 1.2 (49) | 2.8 (6.2) |
| 40 NR Transfer | 40 (1.6) | 1.5 (59) | 3.6 (7.9) |
| 50 NR Transfer | 50 (2.0) | 1.8 (73) | 6.0 (13.3) |
| 65 NR Transfer | 65 (2.6) | 2.4 (93) | 11.0 (24.2) |
| 80 NR Transfer | 80 (3.1) | 2.8 (111) | 20.0 (44.1) |
| 100 NR Transfer | 100 (3.9) | 3.3 (130) | 30.0 (66.1) |

Note:

In order to achieve optimal life of the pump hose, the compression force of the pump hose can be adjusted by placing a number of shims under the pressing shoes. The number of shims will vary for each counterpressure situation and in-between hose types, even if the application is similar. Please refer to the pump user manual for further information.

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