

# NR Metering hose elements

The NR Metering hose provides high metering accuracy and reliability for heavy-duty applications up to 16 bar. It provides consistent flow rates over the life of the hose, even with varying viscosities and temperatures.

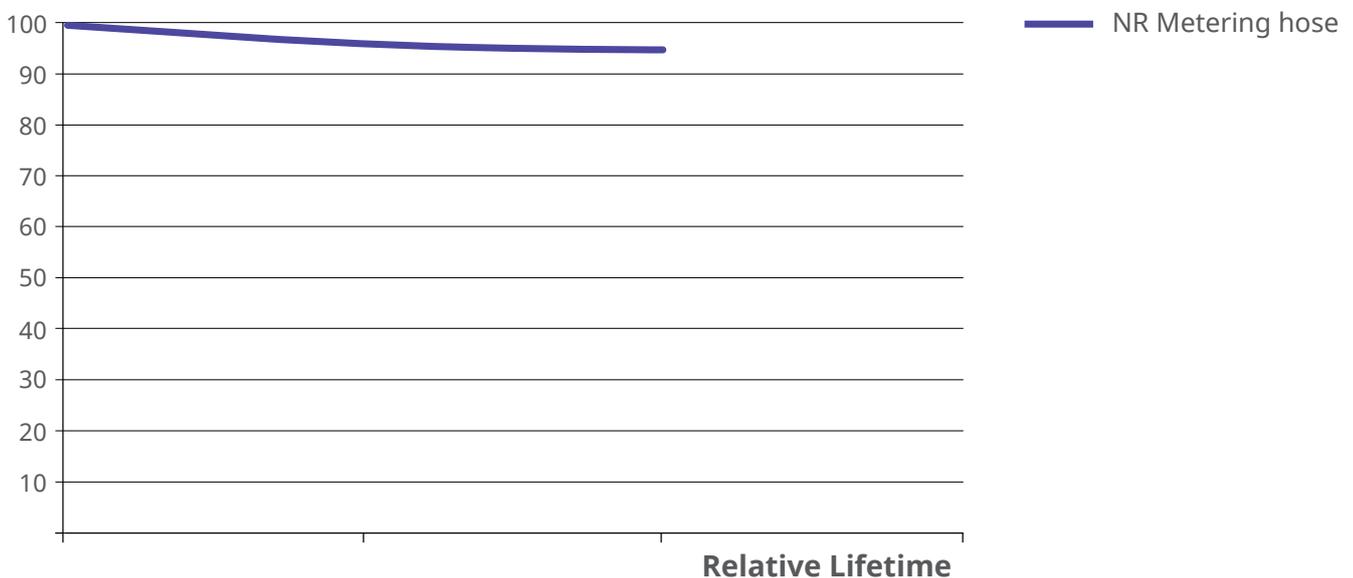
Precision-machined NR Metering hoses from Bredel are manufactured using high quality compound rubbers and reinforced with individual layers of braided nylon. They are constructed to meet the most rigorous quality control standards. They offer users exceptional performance for their fluid metering applications.

## Features and benefits

- High metering accuracy
- Consistent capacity over the full hose life
- Outstanding abrasion resistance from extruded inner layer
- Precision machined
- Pressure capability up to 16 bar (232psi)
- Suction capability up to 9.5 mWC (374 inWC)

## Typical flow curves

Relative Flow (%)



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

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## Technical specifications

	NR Metering hose
Max. operating pressure	16 bar (232psi)
Max. suction capability	9.5 mWC (374 inWC)
Suction capability (80% Flow rate)	8 mWC (315 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 Metering hose

Hose	Bore size mm (inch)	Length m (inch)	Weight kg (lb)
10 NR Metering	10 (0.4)	0.5 (20)	0.4 (0.9)
15 NR Metering	15 (0.6)	0.75 (30)	0.8 (1.8)
20 NR Metering	20 (0.8)	0.75 (30)	0.6 (1.3)
25 NR Metering	25 (1.0)	1.0 (40)	2.0 (4.4)
32 NR Metering	32 (1.3)	1.2 (49)	3.0 (6.6)
40 NR Metering	40 (1.6)	1.5 (59)	3.5 (7.7)
50 NR Metering	50 (2.0)	1.8 (73)	6.0 (13.3)
65 NR Metering	65 (2.6)	2.3 (91)	12.0 (26.5)
80 NR Metering	80 (3.1)	2.8 (111)	21.0 (46.3)
100 NR Metering	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.