

**Introduction**

N100 is One Component moisture curing Silicone based sealant releasing non corrosive and low odour by products. Provides an extremely flexible gasket between surfaces made of various materials and maintains sealing properties within the temperature range of -55°C to +250°C. N100 does not emit acetic acid which causes corrosion on substrates.

**Typical Applications**

- 1) Used as a form in place gasket in industrial applications like gear box, pumps, solar cells, electrical enclosures etc.
- 2) Oil sump sealing, Timing belt sealing and bus body sealing
- 3) Bonds multiple substrates including many plastics.

**Typical Properties of Uncured Material**

**Tested at 25°C and 50% RH**

<i>Attributes</i>	<i>Typical Value</i>
Tack free time (min)	20
Sp. Gravity (Clear) g/ml	1.00
Sp. Gravity (Red) g/ml	1.30

**Cured after 7 days at 25°C and 50% RH**

Hardness, Shore A	24
Tensile Strength, Mpa	1.8
Ultimate Elongation	400%

**Package:**

Product is available in 300ml and 200 Kg package.

**Directions of Use:**

**Clean and preparation:** Clean substrates with organic solvent or water-based cleaner (In case water-based cleaner is used, rinse and dry parts after cleaning because of residue).

**Wipe:** Wipe the surfaces with a lint free cloth using non-oily solvent.

**Dispensing:** Apply sufficient sealant to fill the joint gap.

**Curing:** Full performance will be developed over a period of 72hours

**Clean Up:** Excess material can be wiped with a non-polar solvent

**Storage:** Material must be stored under a temperature of 28°C

**On Part Shelf Life:** 18months when stored under recommended temperature.

**Cautions**

Do not return any material to original container  
Keep out of reach of children  
For information on safety and handling consult MSDS

**Disclaimer**

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**Conversion:**

N/mm x 5.71 = lb/in  
N/mm<sup>2</sup> x 145 =psi  
MPa x 145 = psi  
N·m x 8.851 = lb·in  
N·mm x 0.142 = oz·in  
(°C x1.8) + 32 =°F  
kV/mm x25.4 = V/mil  
mm/25.4 = inches  
N x 0.225 = lb  
mPa·s = cP