

# DATA SHEET

## soni NBR

▶ Das **soni NBR sealing tape** is a closed-cell sealing material on the basis of NBR.

A typical application of **soni NBR** is in the construction of a curtain wall, where it acoustically decouples the wooden lathing. Because of its suitability for contact with oils, e.g. engine oil, our sealing and decoupling tape has also proven to be an excellent solution for use in many technical areas as well as in vehicles, machines, enclosures, hoods and much more. Moreover, it is exceptionally hard-wearing and extremely resistant against deformation.



### TECHNICAL DATA

<b>FLAMMABILITY</b>	<ul style="list-style-type: none"> <li>▶ Fulfills the strict fire safety standard for the automotive industry (FMVSS 302, DIN 75 200)</li> <li>▶ ISO 3795, burning rate &lt; 100 mm/min</li> </ul>
<b>TEMPERATURE RESISTANCE</b>	▶ -45°C to +85°C , max. +110°C
<b>THERMAL CONDUCTIVITY / EN 12667</b>	▶ ≤ 0.031 W/(m·K) at -10°C
<b>DENSITY / ISO 845</b>	▶ 40-70 kg/m <sup>3</sup>
<b>HARDNESS SHORE OO</b>	▶ 31
<b>ELONGATION AT BREAK / ISO 1798</b>	▶ ≥ 65%
<b>TENSILE STRENGTH / ISO 1798</b>	▶ ≥ 205 KPA
<b>COMPRESSION HARDNESS / ISO 6916-1</b>	<ul style="list-style-type: none"> <li>▶ 25%: 15 kPa</li> <li>▶ 50%: 35-55 kPa</li> </ul>
<b>WATER ABSORPTION / ISO 6916-1</b>	▶ ≤ 5%

### DIMENSIONS

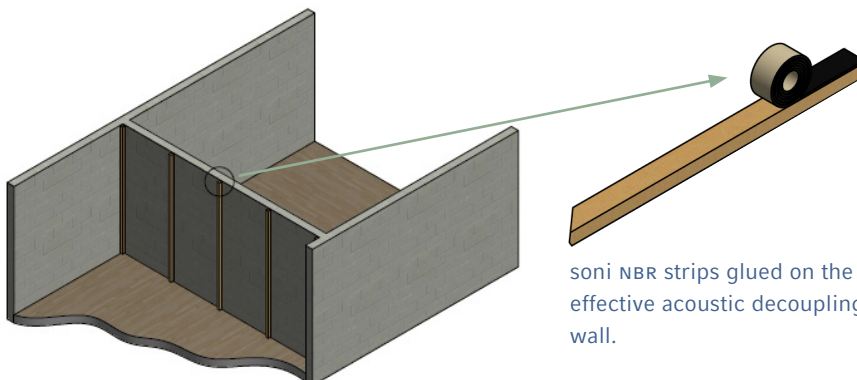
PRODUCT	THICKNESS / TOLERANCE [mm]	ROLL WIDTH / TOLERANCE [mm]	ROLL LENGTH [m]
NBR	5 ± 1.5	40 ± 0.5	5

### ADVICE

- ▶ Under thermal load, the material may shrink by up to 5%
- ▶ The self-adhesive rear face makes installation fast and easy.

### VORTEILE

- ▶ Closed-cell
- ▶ Self-adhesive layer for easy mounting
- ▶ Effective vibration insulation for curtain walls
- ▶ For all areas where the materials are susceptible to get into contact with oils, e.g. motor oil
- ▶ Exceptionally hard-wearing, extremely resistant against deformation



soni NBR strips glued on the laths provide effective acoustic decoupling of the curtain wall.

### PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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