

# DATA SHEET

## soni 491 SK

- ▶ **soni 491 SK** is a PUR acoustic foam coated with a micro-perforated film. The sound-permeable film prevents the penetration of dirt and liquids and can be wiped clean.
- ▶ **soni 491 SK** scores with high hydrolysis resistance and significantly higher aging. The material is easy to cut to the desired size and shape with a carpet knife. Moreover, the self-adhesive rear face makes installation fast and easy.



## 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> <li>▶ ECE R-118, annexes 6, 7 and 8 fulfilled (13 mm)</li> </ul>
<b>TEMPERATURE RESISTANCE</b>	▶ -40°C to +100°C
<b>THERMAL CONDUCTIVITY / EN 12667</b>	▶ ≤ 0.040 W/(m·K) at 10°C

## DIMENSIONS

PRODUCT	THICKNESS / TOLERANCE [mm]	SHEETS / TOLERANCE [mm]	WEIGHT PER SHEET
491 SK	10 ± 1	1000 X 500 ± 5	200 g
	20 ± 1	1000 X 500 ± 5	300 g

## ADVICE

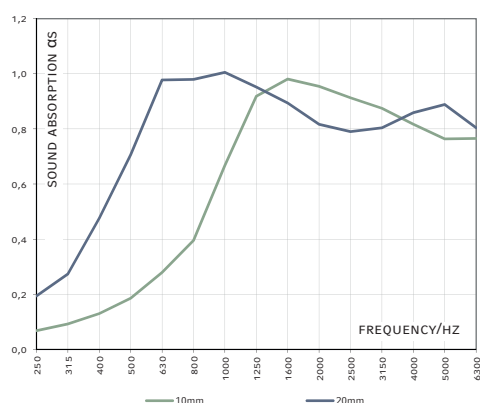
- ▶ For the application of all self-adhesive materials, the supporting surface has to be clean, dry and free from grease, oil, dust, solvents, and other release agents.

## BENEFITS

- ▶ Good sound absorption values
- ▶ Surface can be wiped clean
- ▶ Oil-, water- and fuel-repellent surface
- ▶ Suitable for applications with relatively high humidity levels

## REVERBERATION ROOM

- ▶ Based on DIN EN ISO 354



## APPLICATIONS

- ▶ Our **soni 491 SK** acoustic foam has proven its effectiveness in many years of practical use, successfully minimizing noise levels and providing thermal insulation in engine compartments and vehicle interiors. It meets the fire safety standards for the automotive industry as set down in FMVSS 302 and DIN 75200. Also for the insulation of your roller shutter box we can recommend the PUR foam without restrictions.



## PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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