

DATA SHEET

soni EVA

- **soni EVA** is a soft, elastic synthetic heavy foil with special flame-retardant minerals.

Our **soni EVA** heavy foil is designed to eliminate vibrations and drumming of sheet metal and metal parts.



TECHNICAL DATA

FLAMMABILITY	► Fulfills the strict fire safety standard for the automotive industry (FMVSS 302, DIN 75 200) ► ISO 3795, burning rate < 100 mm/min ► ECE R-118, annexes 6, 7 and 8 fulfilled (EVA 6-01)
TEMPERATURE RESISTANCE	► Placed on a steel surface: -50°C to +100°C, short-term up to +120°C
HARDNESS / ISO 868	► 70 ± 5 Shore A

DIMENSIONS

PRODUCT	THICKNESS / TOLERANCE [mm]	SHEETS / TOLERANCE [mm]	WEIGHT
EVA 3-01	1.5 ± 0.3	1000 X 500 ± 5	3 kg/m ² ± 10%
EVA 6-01	3.0 ± 0.5	1000 X 500 ± 5	6 kg/m ² ± 10%

ADVICE

- For **soni EVA**, the optional self-adhesive equipment of the rear face serves primarily as an installation aid. In the case of installation on a vertical surface or on a ceiling, we recommend additional mechanical fixation.

BENEFITS

- Excellent sound insulation values
 ► Very good flammability characteristics
 ► Higher temperature resistance than a bitumen layer
 ► Effortless to cut with a cardboard cutter or similar
 ► The material is flexible, not sensitive to pressure and does not emit particles or cause smudges.

OPTIONS

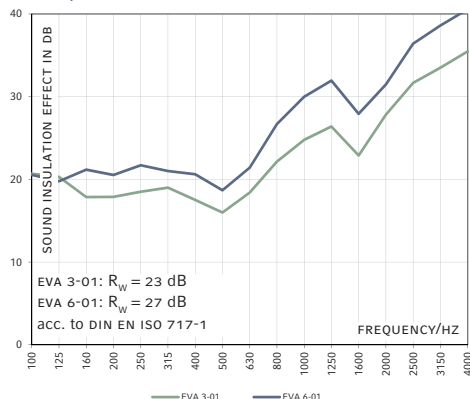
- EVA NK: no self-adhesive equipment
 ► EVA SK: with self-adhesive finish

SOUND TRANSMISSION LOSS

- Our heavy layer has been designed to eliminate vibrations and drumming of metals sheets and prevents the propagation of solid-borne sound as airborne noise.

SOUND TRANSMISSION LOSS

- Test procedure similar to DIN EN ISO 354



APPLICATIONS

- **soni EVA** is suitable specifically for technical applications, vehicles and machinery. Applied to a metal structure, **soni EVA** will effectively reduce the sound level and prevent the transmission of noise and vibration.



PLEASE SEE OUR PROCESSING AND STORAGE INSTRUCTIONS

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