



## CELLO® VIBRATION DAMPING MATERIALS

Vibration-damping materials are made from high-quality PUR foams of mixed cell structure and various densities. They are used for vibration damping and solid-borne noise insulation.



TECHNICAL DATA	
<b>FLAMMABILITY</b>	▶ DIN 4102, B2 ▶ DIN EN 13501, E
<b>TEMPERATURE RESISTANCE</b>	-40°C to +120°C
<b>THERMAL CONDUCTIVITY / EN 12667</b>	≤ 0.05 W/(m·K) at 10°C, Regufoam® 150 to 270 ≤ 0.09 W/(m·K) at 10°C, Regufoam® 300 to 510
<b>WATER ABSORPTION</b>	≤ 350% by weight, Regufoam® 150 to 270 ≤ 150% by weight, Regufoam® 300 to 510

DIMENSIONS			
PRODUCT	THICKNESS [mm]	THICKNESS TOLERANCE [mm]	WIDTH TOLERANCES FOR READY-MADE PIECES
REGUFOAM	6, 12.5, 25	± 0.5	up to 250 mm +/-3 mm 251 up to 1000 mm +/-5 mm 1001 up to 2000 mm -5/+10 mm

<b>BENEFITS</b>	▶ Very good permanent elasticity even under high-stress conditions ▶ High resistance to mechanical strain ▶ Good insulation values ▶ Pre-cut parts ready for installation
<b>OPTION</b>	Self-adhesive backing facilitates installation

	REGUFOAM® Vibration 150 <sup>plus</sup>	REGUFOAM® Vibration 190 <sup>plus</sup>	REGUFOAM® Vibration 220 <sup>plus</sup>	REGUFOAM® Vibration 270 <sup>plus</sup>	REGUFOAM® Vibration 300 <sup>plus</sup>	REGUFOAM® Vibration 400 <sup>plus</sup>	REGUFOAM® Vibration 510 <sup>plus</sup>
<b>Permanent static load</b>	0.011 N/mm <sup>2</sup>	0.018 N/mm <sup>2</sup>	0.028 N/mm <sup>2</sup>	0.042 N/mm <sup>2</sup>	0.055 N/mm <sup>2</sup>	0.11 N/mm <sup>2</sup>	0.22 N/mm <sup>2</sup>
<b>Repeated / variable loads</b>	0 - 0.016 N/mm <sup>2</sup>	0 - 0.028 N/mm <sup>2</sup>	0 - 0.04 N/mm <sup>2</sup>	0 - 0.062 N/mm <sup>2</sup>	0 - 0.08 N/mm <sup>2</sup>	0 - 0.16 N/mm <sup>2</sup>	0 - 0.32 N/mm <sup>2</sup>
<b>Peak loads</b>	0.5 N/mm <sup>2</sup>	0.8 N/mm <sup>2</sup>	0.9 N/mm <sup>2</sup>	1.2 N/mm <sup>2</sup>	2 N/mm <sup>2</sup>	up to 3 N/mm <sup>2</sup>	up to 4 N/mm <sup>2</sup>
<b>Color</b>	green	yellow	purple	blue	black	grey	beige



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