

# SILENT GIPS

## THERMAL-ACOUSTIC DECOUPLING TAPE FOR PLASTERBOARD STRUCTURES

### DECOUPLING


It allows complete acoustic decoupling of the plasterboard wall, preventing the transmission of vibrations to structural elements. Also tested at the University of Bolzano.

### DOUBLE-SIDED ADHESIVE

Installation with the metal frame is fast and easy, without the need for additional adhesives.



### CODES AND DIMENSIONS

CODE	B	liner	L	s	B	liner	L	s	
	[mm]	[mm]	[m]	[mm]	[in]	[in]	[ft]	[in]	
SILENTGIPS	100	12-76-12	30	3,3	3 7/8"	1/2"-3"-1/2"	98' 5 1/8"	0.13	1

### TECHNICAL DATA

Properties	standard	value	USC conversion
Thickness	-	3,3 mm	0.13 in
Density $\rho$	-	150 kg/m <sup>3</sup>	9.36 lb/ft <sup>3</sup>
Dynamic stiffness $s'$	EN 29052	60 MN/m <sup>3</sup>	-
Crushing (load 6,5 kPa - 135 psf)	ISO 7214	0,3 mm	0.01 in
Thermal conductivity $\lambda$	EN 12667	0,04 W/m·K	0.023 BTU/(h·ft <sup>2</sup> ·°F)
Thermal resistance $R_t$	ISO 6946	0,08 m <sup>2</sup> K/W	-
Resistance to temperature	-	-20 / +80 °C	-4 / +176 °F



### CLOSED CELL

Thanks to the grid of closed cell polyethylene, the product will not permanently deform and remains effective over time.

### VERSATILE

The pre-cut removable film allows the tape to be adapted to different plasterboard wall configurations.