

GenieClip[®] LB

SOUND AND VIBRATION ISOLATION BRACKET



PATENTS: US 7,895,803 US 9,121,469 CA 2,552,516 AU 2,007,276,677 CN 101,631,919 SG 149,449 EP 2,047,042

PRODUCT SPECIFICATIONS

PRODUCT NAME:	GenieClip LB
DESCRIPTION:	Unibody molded rubber and steel bracket used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.
APPLICATION:	Sound and vibration isolation bracket used in a variety of applications where structural support is required, including wall sway bracing, ceiling suspension, and accessory mounting.
FEATURES AND BENEFITS:	• Significantly improves low and high frequency sound control performance • Substantially reduces impact noise in floor-ceiling assemblies • Adaptable to a variety of sound control applications • Can be installed from the ground using extended gas-powered tools for wire-suspended ceilings • Qualifies for LEED[®] points
DIMENSION:	1-3/4" width, 2" length, 4-3/8" height (nom. 44.45 mm width, 50.8 mm length, 111.125 mm height)
PROJECTION:	Variable
WEIGHT:	0.27 lb (123 grams)
QUANTITY/BOX:	50
QUANTITY/PALLET:	2500

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TECHNICAL DATA - ELASTOMER PROPERTIES

TENSILE STRENGTH (ASTM D412, ISO 37): 520 psi minimum (3.6 MPa minimum)

ELONGATION AT BREAK (ASTM D412, ISO 37): 580% minimum

TYPE A HARDNESS (ASTM D2240): 40 Durometer

DYNAMIC STIFFNESS (ASTM D5992, ISO 4664-1): 64.5 lbf/in (11.3 N/mm)

DYNAMIC-STATIC STIFFNESS RATIO (ASTM D5992, ISO 4664-1): 1.19

TECHNICAL DATA

MAXIMUM DESIGN LOAD: 108 lb (49 kg)

LABORATORY SOUND TRANSMISSION CLASS (ASTM E90): Specified wall or floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM and ISO standards.

TEMPERATURE STABILITY: -40°F to +240°F (-40°C to +115°C)



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