

GENIECLIP[®] RST

RESILIENT SOUND ISOLATION CLIP



PATENTS: US 7,895,803 US 9,121,469 CA 2,552,516 AU 2,007,276,677 CN 101,631,919 EPO Patent Pending

PRODUCT SPECIFICATION

PRODUCT NAME: GenieClip RST

DESCRIPTION: Unibody molded rubber and steel part used when superior sound control is required in multifamily housing, high-rises, or commercial buildings.

APPLICATION: Resilient sound isolation clip installed with acoustical sealant and drywall furring channels for support of gypsum board for noise control (de-coupling) in walls and ceilings.

- FEATURES AND BENEFITS:**
- Significantly improves low and high frequency sound control performance
 - Substantially reduces impact noise in floor-ceiling assemblies
 - Allows for thinner and even no resilient mat used in certain floor-ceiling assemblies
 - Qualifies for LEED[®] points
 - Substantially reduces costs and associated problems in wood frame construction and still meets code for fire and sound control
 - No short-circuiting as is often the case with resilient channel

DIMENSION: 1 5/8" width, 2 1/2" height, 1" depth (nom. 41 mm width, 64 mm height, 25 mm depth)

PROJECTION: 1 5/8" (41 mm) from supporting structure, when 7/8" (22 mm) drywall furring channels are used.

CLIP WEIGHT: 0.1 lb (47 grams)

CLIPS/BOX: 100

BOXES/PALLET: 50

LEAD TIME: 2-3 weeks after receipt of order

For Your Project Specific Questions
T. 416.449.0049 | E. info@pliteq.com

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TECHNICAL DATA

MAXIMUM DESIGN LOAD:	36 lb (16 kg) per each GenieClip RST
ULTIMATE LOAD BEFORE FAILURE (ASTM D1761):	445 lb (202 kg) in direct withdrawal with 25 Gauge channel 229 lb (104 kg) in lateral resistance (shear)
TENSILE STRENGTH (ASTM D412, DIE C):	11.2 MPa minimum
ELONGATION AT BREAK (ASTM D573):	454% minimum
TYPE A HARDNESS (ASTM D2240):	37 durometer
DYNAMIC STIFFNESS (ASTM D5992, D4473, D4065):	11.3 N/mm
DYNAMIC-STATIC STIFFNESS RATIO (ASTM D5992, D4473, D4065):	1.19
LABORATORY SOUND TRANSMISSION CLASS (ASTM E90):	Specified wall or floor-ceiling assembly must be tested in a NVLAP-certified laboratory and comply with ASTM standards.
FIELD SOUND TRANSMISSION CLASS (ASTM E336):	Specified wall or floor-ceiling assembly must meet requirement as stated by building code and/or acoustical consultant.
TEMPERATURE STABILITY:	-40°F to +240°F (-40°C to +115°C)

CONTACT US

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