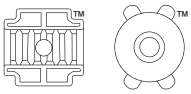
GenieClip® RST

Resilient Sound Isolation Clip



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PATENTS: US 7,895,803 US 9,121,469 CA 2,552,516 AU 2,007,276,677 CN ZL200780034674.1 SG 149,449 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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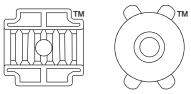

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Technical Data

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)

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