PHILLIPS
MANUFACTURING CO.
Engineered to Perform

RESILIENT SOUND CHANNELS

PHILLIPSMFG.COM
800.822.5055

PHILLIPS MANUFACTURING CO.

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- ABOUT US -

Phillips Manufacturing Co. is your national single source manufacturer for all drywall finishing accessories including beads, trims, channels and framing components, lath and stucco accessories, roofing metals and siding accessories. We are a privately owned and operated company proudly serving the entire nation with our extensive product lines through our many distribution channels.

- OUR MISSION -

"Lead the industry in delivering innovative products and services that add value to our customers and build their long-term success."

- OUR GUARANTEE -

Phillips stands behind our product quality 100%. Our material and fabrication standards are the highest in the industry. Phillips products are manufactured by an organization devoted to customer satisfaction.

- THE PHILLIPS ADVANTAGE -

Innovation and Quality: Phillips engineering, research and development, and production teams are driven towards value added products and services.

Product Value: Phillips delivers innovative products with distinct features and benefits at competitive prices for a strong competitive advantage.

Service: Phillips employs highly qualified and knowledgeable sales and sales support teams to ensure excellent customer service. We provide efficient national distribution with manufacturing and operating space of nearly 500,000 square feet. Customer-satisfaction survey results rated Phillips above the competition as a very strong supplier by current customers, excelling in understanding your needs, timely responses, resolving complaints and accessibility of service representatives.

Relationships: We understand the importance of the customer and recognize that success is achieved through partnerships and loyalty.

Brand Loyalty: Our national presence and well-recognized Phillips brand names are known throughout the industry.

PHILLIPS klinchSTIK® CORNER BEAD

PHILLIPS gripSTIK® VINYL DRYWALL PRODUCTS

PHILLIPS kwikSTIK® PAPER FACED METAL

PHILLIPS RollPRO® PAPER FACED FLEXIBLE CORNER TRIM

EDGEmaster® ROOFING METALS PHILLIPS

ViperStud® PHILLIPS

ALL PHILLIPS PRODUCTS ARE MADE IN THE USA

- PHILLIPS LOCATIONS -

Headquarters & Manufacturing Plant
Omaha, Nebraska

Office & Manufacturing Plant
Niles, Ohio

Office & Distribution Warehouse
Phoenix, Arizona

Manufacturing Plant
Tampa, Florida

Manufacturing Plant
Umatilla, Florida

REDUCE NOISE WITH PHILLIPS RESILIENT SOUND CHANNELS

With many key elements going into effectively reducing sound transmission, resilient sound channel is one of those important keys. When walls are constructed of drywall firmly attached to both sides of a wood or metal stud frame, sound waves hit one side of the wall causing it to vibrate. The vibration is then transmitted right through the stud work to the drywall on the other side and creates noise throughout adjacent floors and ceilings. To reduce this effect and to dampen the sound waves, Phillips resilient sound channels are inserted between the drywall wall and the stud work. The resilient channels act as shock absorbers by greatly reducing vibrations coming from either side of the wall.

With the most extensive line on the market, Phillips is your resilient sound channel specialists. Phillips is currently the only manufacturer producing RC-2 with two legs of expanded metal.

All resilient channels are tested by top independent labs, from the developmental stage through the certification process, conducted in accordance with standards developed by the following: ASTM, ULC, NFPA, UL, FM, UBC, ISO and are accredited by NVLAP, IAS, City of New York, California State Fire Marshal, Florida Building Commission and UL Third Party Test Data Program.

RC-1
Tru-25® Gauge

Phillips RC-1 Tru-25® is a resilient sound channel manufactured to exacting specifications to minimize sound transmission through wall partitions and ceilings. Phillips RC-1 Tru-25® also works great to prevent ridging and cracking in ceilings. RC-1 is deeply knurled for positive screw placement and to eliminate wandering. Lab-certified, written test results are available upon request.

Also available in Standard Duty and Weath-Ex® Tru-25® (an extra surface coating over hot-dipped galvanized materials to provide extra corrosion prevention).

RC-XL

Phillips RC-XL is a resilient sound channel manufactured to exacting specifications to minimize sound transmission through wall partitions and ceilings. Phillips RC-XL also works great to prevent ridging and cracking in ceilings. RC-XL is deeply knurled for positive screw placement and to eliminate wandering. Lab-certified, written test results are available upon request. RC-XL Resilient Sound Channel features hot-dipped galvanized materials to provide corrosion prevention.

RC-2
Two Leg

Phillips RC-2 resilient sound channel is used as cross furring members for resilient attachment of gypsum wallboard or lath on ceilings and partitions. RC-2 decreases sound transmission through wall partitions and ceilings. Channel depth is 1/2" and is manufactured with 25 gauge galvanized steel. Lab-certified, written test results are available upon request.

COMPARISON CHART	Phillips RC-1 NGC Testing**	Phillips RC-XL NGC Testing**	Phillips RC-2 NGC Testing**	ClarkDietrich RC Deluxe***	Quiet Rock 530	Clips
STC Rating	53	53	53	53	53	56
Cost $(Lower) - $$$$$(Higher)	$	$$	$$$	$$$	$$$$	$$$$$
Ease of Installation ❶(Easy) - ❺(Difficult)	❷	❷	❷	❸	❶	❺
Prevents Ridging & Cracking	YES	YES	YES	YES	?	?
Meets 30 UL Assemblies*	SOME	YES	YES	YES	SOME	?
PHILLIPS AND CLARKDIETRICH ASSEMBLY TESTED: 3-5/8" 25ga EQ ViperStud® and ViperTrack® 24" on center (o.c.), 3-1/2" insulation inside of wall cavity, resilient sound channel installed 24" o.c. and Gypsum Wall Board 5/8" Type X.						

* List of UL Assemblies: L521 L546 L547 L550 L558 L562 L563 L569 L570 L574 L576 L579 L589 L590 L592 L593 L598 M501 M502 M503 M506 M515 P522 P524 P531 P533 P535 P538 P545 P549 P552

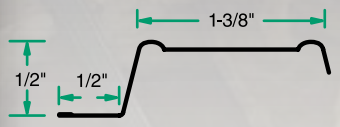
** NGC Testing Services features one of North America's most sophisticated and unique, fully accredited independent testing facilities. Find more information about the test on ngctestingservices.com/acoustical.html

*** RC Deluxe requires alignment and additional trimming causing excess waste.

TECHNICAL SPECIFICATIONS

RC-1 Product Benefits
Phillips RC-1 Resilient Sound Channels (Furring Channel) are fabricated from galvanized steel and designed to decrease sound transmission through wall partitions and ceilings/floors. Phillips offers RC-1 Tru-25® and RC-1 Standard Duty and Weath-Ex®. Phillips RC-1 is manufactured to exacting specifications for a strong, durable sound barrier. Additional benefits include:

- RC-1 Standard Duty has a minimum design thickness of .018”
- RC-1 Tru-25® has a minimum design thickness of .021”
- Deeply knurled for positive screw placement and to eliminate wandering
- Works great to prevent ridging and cracking in ceilings
- Lab certified test results available upon request
- Use up to 2 layers of 5/8” wallboard for ceiling applications



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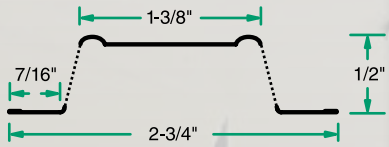
RC-XL Product Benefits
Phillips RC-XL Resilient Sound Channels (Furring Channel) are fabricated from galvanized steel and designed to decrease sound transmission through wall partitions and ceilings/floors. RC-XL is manufactured to exacting specifications for a strong, durable sound barrier. Additional benefits include:

- RC-XL has a minimum design thickness of .020”
- Deeply knurled for positive screw placement and to eliminate wandering
- Works great to prevent ridging and cracking in ceilings
- Lab certified test results available upon request
- Use up to 2 layers of 5/8” wallboard for ceiling applications
- Qualifies for 30 UL assemblies
- LEED Credits for Recycled Content:
  MR2 The steel and vinyl used in Phillips Manufacturing products is 100% recyclable.
  MR4 Phillips Manufacturing steel and vinyl products have a minimum of:
  Total Recycled Content: 30%
  Post-Consumer Recycled Content: 25%
  Pre-Consumer Recycled Content: 5%

Drawing not to scale

RC-2 Product Benefits
Phillips RC-2 Resilient Sound Channels (Furring Channel) are fabricated from galvanized steel with expanded metal legs that provide resiliency to decrease sound transmission through wall partitions and ceilings/floors. Phillips RC-2 features many benefits:

- Minimum G-40 coating providing the finest rust protection
- 25 gauge galvanized steel
- Knurled for positive screw location and to eliminate wandering
- Expanded metal for quality sound control
- Hemmed edges for ease of installation
- Two attachment legs for worry-free installation
- Prevents ridging and cracking in ceilings
- Use up to 2 layers of 5/8” wallboard for ceiling applications
- 1” spaced holes in the leg flanges to facilitate fastening to framing members
- One screw required per attachment point, alternating flanges
- Lab certified test results available upon request



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Spacing Guidelines
Spacing of resilient sound channel (furring channel) should not exceed 24” o.c. (16” o.c. if joist span is 24” o.c.).

Certification
Phillips Resilient Sound Channels meet or exceed ASTM C645 and ASTM C653 Standard Specification for Nonstructural Steel Framing Members. MSDS available on Phillipsmfg.com.

Storage
Avoid bending or other damage and store in a dry place protected from moisture. Refer to ASTM C754.

Installation Recommendations
Phillips recommends installation in accordance with applicable ASTM standards and using prevalent industry standards. Reference materials include ASTM C754, Gypsum Association GA-216, Gypsum Association GA-600 and Phillips Manufacturing’s website (www.phillipsmfg.com). All UL and other fire rated assemblies must be followed completely.

Made in the U.S.A.
Phillips proudly manufactures all their products in the United States of America.

PHILLIPS MANUFACTURING CO
"Engineered to Perform"
SINCE 1955

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