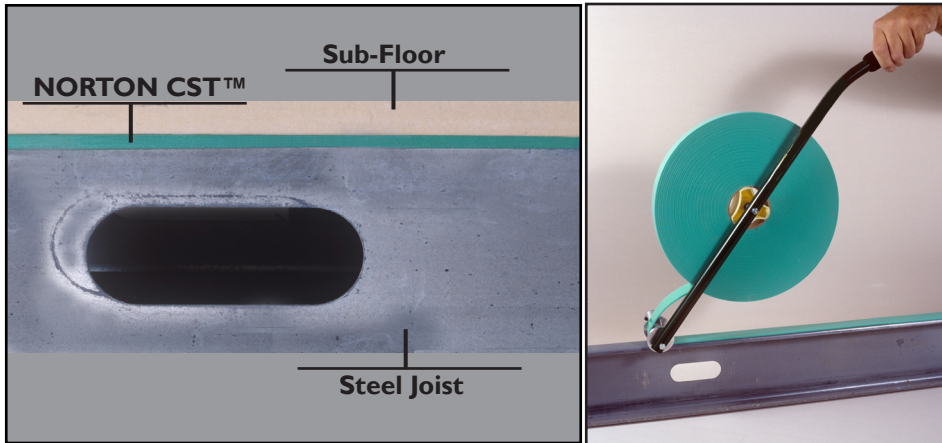


Norton CST™ Joist Tape

A Solution for Steel Framing Construction



Unique Noise Control & Thermal Break

Features/Benefits

- Uniform gasket: consistent thickness and width throughout.
- Noise reduction: sound transmission noticeably reduced, squeaks/call-backs eliminated.
- Vibration isolation.
- Standard widths: matches industry standards for joists and studs, no waste of material.
- Self-adhesive: quick and clean application, no special skills required.
- Smooth top surface: subfloor slides easily into position.
- Durable: good for life of building.
- Versatile: can be applied on-site or pre-applied off-site.

Typical Applications

- Residential and commercial construction.
- Floors: steel joists.
- Walls: steel studs.
- Ceilings: steel rafters and trusses.

NORTON CST™ (Comfort and Silence Tape) is a patented, uniform gasket that provides a unique noise control and thermal break solution to both residential and commercial construction. It has been successfully used for more than 15 years.

NORTON CST™ is a specially formulated closed cell foam tape with pressure sensitive adhesive on one side and a protective durable surface on the other side.

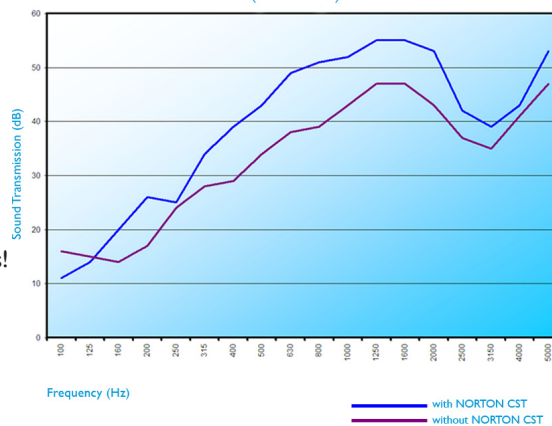
Noise Control

NORTON CST™ virtually eliminates squeaks. It leaves a quieter and more comfortable floor preventing costly call-backs!

Thanks to NORTON CST™'s ability to dampen vibrations:

- **Impact sound transmission** (IIC rating - Impact Insulation Classification) through floors is reduced up to 10 times! (ASTM E-989).
- **Airborne sound transmission** (STC rating - Sound Transmission Class) through walls is reduced up to 20 times! (ASTM E-90).

Noise Reduction in Steel Framed Wall (ASTM E-90)



Improved Thermal Performance

When used on either one or two sides of steel framing, NORTON CST™ serves as a thermal break that will help lower energy costs.

Condensation

NORTON CST™ does not mold or mildew. By preventing condensation caused by temperature differentials, NORTON CST™ helps eliminate "ghosting" stains that outline metal studs in the wall. Its durability makes it a lifelong value-added to a residential or commercial building.

NORTON CST™ Joist Tape

Standard Sizes

Thickness : 1/8" (3.2 mm)
Length : 100' (30.5 m)
Width : up to 55" (1397 mm)

Physical Property	Typical Value	Test Method
Flame Spread Classification	15 (Class I)	ASTM E-84/UL723
Smoke Developed Classification	10 (Class I)	ASTM E-84/UL723
Oxidation Resistance	Passed (300 psi at 158°F during 96 h)	*APA 5.7.2.2
Air Permeability @ 30% compression	0 (impermeable)	*NTP-122
Thermal Conductivity (BTU (.in)/Sq. Ft. (hr.) F)	.28	ASTM C-518
Recommended Service Temperature	-20°F to 160°F (-29°C to 71°C)	
Recommended Application Temperature	40°F to 125°F (4°C to 52°C)	
Max Impact Noise Reduction	-10 dB @ 1250 Hz	ASTM E-989
Max Airborne Sound Reduction (through floors)	-19 dB @ 125 Hz	ASTM E-90
Max Airborne Sound Reduction (through walls)	-19 dB @ 500 Hz	ASTM E-90

Note: Values are not guaranteed and will differ from design to design.

- * NTP = Norton Test Procedure
- * APA = American Plywood Association

Application Tips

- Surfaces must be clean of dirt, water, ice.
- NORTON CST™ is used in place of sub-floor glue - do not use any additional glue.
- Structural code requirements: use "nail-only" data when calculating joist spans (contrary to "glue-nailed" floors, no span increase is permitted).
- Use ring-shanked nails or screws as mechanical fasteners.
- Do not peel off liner (top surface).

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Today, we continue to manufacture architectural glass, along with a range of other products, and are the world leader in most of our markets. Some of our brands, in addition to Norton CST™, include: Thermalbond® Curtain Wall Structural Glazing Spacer; Norton® Window Glazing Sealants; CertainTeed fiber glass insulation, roofing and vinyl siding; ProRoc® gypsum board; Norton® abrasive belts and sand paper; Sheerfill® polymer coated fabrics for stadium roofs.

More information is available at www.nortoncst.com



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Distributed By:

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