

NORTON CST V494

COMFORT & SILENCE TAPE

NORTON CST™ V494 (Comfort and Silence Tape) is a patented, uniform gasket that delivers noise control and thermal break performance for both **steel-framed** and **wood-framed** construction. It is a specially formulated closed cell foam tape with pressure-sensitive adhesive on one side and a protective, durable surface on the other — successfully used in residential and commercial buildings for more than 15 years. NORTON CST™ virtually eliminates squeaks and call-backs, dampens vibration, and by preventing condensation caused by temperature differentials, helps eliminate the “ghosting” stains that can outline studs or joists.



NORTON CST™ applied to wooden floor joists

10×

Reduction in Impact Sound Transmission (IIC) through floors — ASTM E-989

20×

Reduction in Airborne Sound Transmission (STC) through walls — ASTM E-90

3.2mm

Uniform closed cell foam thickness, self-adhesive on one side

Two Applications, One Solution

Steel Framed Buildings

- Floors: steel joists
- Walls: steel studs
- Ceilings: steel rafters and trusses
- Serves as a thermal break on one or two sides of steel framing to lower energy costs

Wooden Joist Construction

- Applied between joists and subfloor sheathing
- Applied between sill plate and foundation
- Apply on exterior studs for thermal and acoustical control
- Used in place of sub-floor glue — no additional glue required

Features & Benefits

- ✔ Uniform Gasket: Consistent Thickness & Width
- ✔ Standard Widths Match Industry Joist/Stud Sizes
- ✔ Virtually Eliminates Squeaks & Call-Backs
- ✔ Self-Adhesive: Quick, Clean Application
- ✔ Vibration Isolation
- ✔ Smooth Top Surface for Easy Subfloor Sliding
- ✔ Closed Cell Foam — Resists Mould & Mildew
- ✔ Durable: Good for the Life of the Building
- ✔ Versatile: On-Site or Pre-Applied Off-Site
- ✔ Bespoke Sizes Made to Order

Thickness: 3.2 mm **Length:** 30.5 m **Width:** Standard joist/stud widths, up to 1397 mm — bespoke sizes to order

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 @ 70°C during 96h)	*APA 5.7.2.2
Air Permeability @ 30% compression	0 (impermeable)	*NTP-122
Thermal Conductivity (BTU·in / Sq.Ft.·hr·°F)	0.28	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 floors)	-19 dB @ 500 Hz	ASTM E-90

*NTP = Norton Test Procedure. *APA = American Plywood Association. Values are not guaranteed and will differ from design to design. Data in this leaflet was correct at time of printing and is provided for general information only; it is not a specification and does not assure specific product characteristics or suitability for a definite application. The user is responsible for testing under individual application conditions and for holding the latest version of the product data sheet.