

# Nichigo G-Tape™ 3040BK

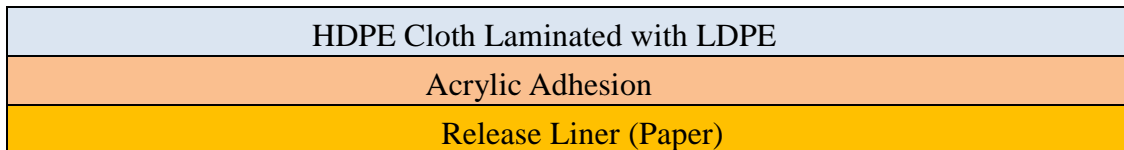
## Self-Adhering Flashing Tape

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### 1. Product Description

Nichigo G-Tape 3040BK/WH is a high performance self-adhering flashing tape used for sealing around openings and penetrations in exterior walls. G-Tape 3040 is constructed with a unique combination of high density polyethylene cloth (HDPE) is laminated with low density polyethylene (LDPE) and proprietary acrylic adhesive. The functional PE cloth provides easy handling features such as, dimensional stability, high tensile strength, and high weather resistance. The acrylic adhesive sticks well to rough surfaces at both low and high temperatures (-4 ~ 190 degree F).

### 2. Structure



### 3. Key Features

- Meets AAMA 711-07 Voluntary Specification for Self Adhering Flashing Tape for Installation of Exterior Wall Fenestration Products, Type A (no primer), Class 3 (exposed to 176 degree F)
- Hand tear-able – no cutting tool is required
- Light weight – 50-70 % lighter than conventional window flashing tapes
- Nail Sealable : Passed AAMA-711-07 (ASTM D 1970)
- Repositionable – no wrinkles when applied
- No scrap from adhesive side contact by mistake
- Clean – no black speck or stain, no asphalt smell
- High dimensional stability – no wrinkles caused by temperature fluctuation
- Wide application temperature from -4 to 190 degree F.
- High temperature resistance : No tensile strength losses after 45 weeks @ 194 degree F
- Very strong adhesion to rough surface
- Low water vapor transmittance : < 1 Perm ( 20ng/Pa/sec/m2)
- Excellent durability against sunshine
- Compatible with building sealants: Nichigo G-Tape is inert against sealant polymers, synthetic rubber compound, polyurethane, and silicone

**4. Properties** (\*typical values, not for specification or guarantee purpose)

	Results	AAMA 711-07 Specifications
90 degree peel adhesion on OSB	18.0 Lbs/in	>2.9 Lbs/in
90 degree peel adhesion on Aluminum	7.9 Lbs/In	>1.5 Lbs/in
90 degree peel adhesion on PVC	4.7 Lbs/In	>1.5 Lbs/in
90 degree peel adhesion on plywood	4.8 Lbs/In	>1.5 Lbs/in
90 degree peel adhesion on itself	3.6 Lbs/in	>1.5 Lbs/in
90 degree peel after aged by		
UV for 14 days	7.9 Lbs/in	>1.5 Lbs/In
90 degree peel after 7 day @ 50 degree C	7.7 Lbs/in	>1.5 Lbs/in
90 degree peel after 7 day @ 65 degree C	8.2 Lbs/in	>1.5 Lbs/in
90 degree peel after 7 day @ 80 degree C	7.8 Lbs/in	>1.5 Lbs/in
90 degree peel after water immersion	8.8 Lbs/in	>1.5 Lbs/in
Cold temperature Pliability	No visible sign of crack	No visible sign of crack
Nail Sealability prior to heat cycle	No water leakage	No water leakage
Nail Sealability after heat cycle	No water leakage	No water leakage
Test Method : ASTM modified per AAMA 711-07		
Aging test: 85% Adhesion and Tensile Strength after 15yrs*		
Test Method : ASTM F 1980		

\*\*\*All values assume product has been stored and used in accordance with manufacture's recommendations.

**5 Cautions**

- Avoid prolonged contact with skin. May cause irritation.
- Do not use as an electrical insulation tape.
- Test compatibility to construction materials before apply if materials are unknown.  
This tape may damage surfaces and/or leave residue .
- Use only on clean, dry surfaces free of cracks, voids, and holes.
- May remain exposed to direct sun lights more than 300 days. But should be covered in 180 days for better performance.

## **6 Product Use**

Many factors beyond Nippon Gohsei's control and uniquely within user's knowledge and control can affect the use and performance of G-Tape in a particular application. Given the variety of factors that can affect the use and performance of G-Tape, user is solely responsible for evaluating G-Tape and determining whether it is acceptable for a particular purpose and suitable for user's method of application.

## **7 Warranty and Limited Remedy**

Nippon Gohsei USA warrants that G-Tape meets its product specifications for a period of 2 years from the date of purchase. If Nichigo G-Tape does not conform to this warranty, the sole and exclusive remedy is, at Nippon Gohsei's option, replacement of Nichigo G-Tape or refund of the purchase price. Nippon Gohsei makes no other warranties or conditions express or implied, including but not limited to any implied warranty or condition of merchantability or fitness for use or any implied warranty or condition arising from a course of dealing, custom, or usage of trade.

## **8 Limitation of Liability**

Nippon Gohsei will not be liable for any loss or damage arising from Nichigo G-Tape, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.



**NIPPON GOHSEI** <http://www..nippon-gohsei.com>

NIPPON GOHSEI USA 3930 Ventura Drive Suite 355, Arlington Heights IL 60004

Phone: 847-255-1211 ex 135, Fax 847-255-4343

Yasuo Sakaguchi : [sakaguchi.yasuo@me.nichigo.co.jp](mailto:sakaguchi.yasuo@me.nichigo.co.jp) (cell) 723-426-9834

Mike Coffman : [mike.coffman@ma.nichigo.co.jp](mailto:mike.coffman@ma.nichigo.co.jp) (cell) 630-360-4560