

# Nichigo G-Tape™ 3040BK

## Self-Adhering Flashing Tape

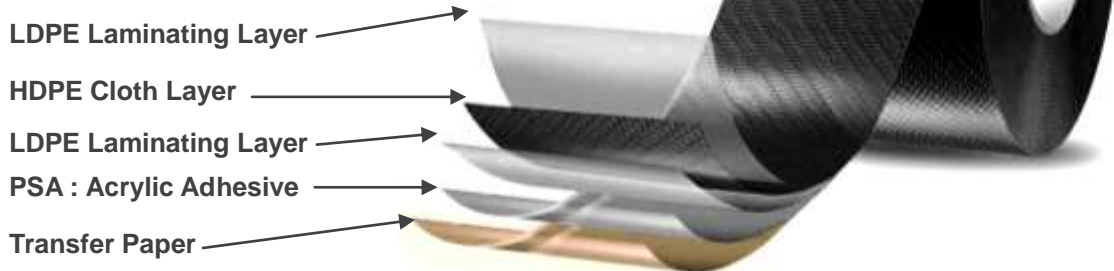
### 1. Product Description

Nichigo G-Tape 3040BK is a self-adhering flashing tape used for installation of exterior wall fenestration products. G-Tape 3040BK is constructed with a laminated polyethylene cloth and proprietary acrylic adhesive.

The tape structure provides easy handling without sacrificing mechanical strength such as, dimensional stability, high tensile strength, and high weather resistance.

The acrylic adhesive sticks and stays well on rough surfaces of low to high temperature (-40 ~ 200 degree F).

### 2. Composition and Structure



### 3. Key Features

- Meets AAMA 711-13, ICC AC148 compliant, Voluntary Specification for Self Adhering Flashing Tape for Installation of Exterior Wall Fenestration Products, Type A (no primer), Class 3 (up 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-711-13(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 -40 to 200 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/m<sup>2</sup>)
- Excellent durability against sunshine
- Compatible with building sealants : Nichigo G-Tape is inert against sealant polymers, synthetic rubber compound, polyurethane, and silicone
- Clean emission - no regulated chemical compounds in VOC from 3040BK

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

<b>Content</b>	<b>Results</b>	<b>AAMA 711-13 Specifications</b>	<b>ASTM Test Method</b>
<b>Tensile Strength</b>	10.3 Lbs/in	>2.9 Lbs/in	D412
<b>90 degree peel adhesion on OSB</b>	4.7 Lbs/in	>1.5 Lbs/in	D3330
<b>90 degree peel adhesion on Aluminum</b>	9.3 Lbs/in	>1.5 Lbs/in	D3330
<b>90 degree peel adhesion on PVC</b>	6.4 Lbs/in	>1.5 Lbs/in	D3330
<b>90 degree peel adhesion on plywood</b>	5.4 Lbs/in	>1.5 Lbs/in	D3330
<b>90 degree peel adhesion on itself</b>	3.4 Lbs/in	>1.5 Lbs/in	D3330
<b>90 degree peel after aged by UV for 14 days</b>	9.3 Lbs/in	>1.5 Lbs/in	G153/D3330
<b>90 degree peel after 7 day @ 176°F</b>	9.4 Lbs/in	>1.5 Lbs/in	D3330
<b>90 degree peel after water immersion</b>	10.1 Lbs/in	>1.5 Lbs/in	D3330
<b>Cold temperature Pliability</b>	No visible sign of crack	No visible sign of crack	D1970
<b>Nail Sealability prior to heat cycle</b>	No leakage	No leakage	D1970
<b>Nail Sealability after heat cycle</b>	No leakage	No leakage	D1970

#### **5. VOC Analyses**

Green Label Plus Tests (California Section 01350) on 3040BK indicates VOC (Volatile Organic Compound) from 3040BK does not contain regulated chemical compound. Acetaldehyde is less than a detectable limit. TVOC as a toluene equivalent is less than 10ppm.

## **6. 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 if it is removed.
- 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.

## **7. Warranty and Limited Remedy**

Nippon Gohsei warrants that each Nichigo G-Tape meets its product specifications at the time Nippon Gohsei ships Nichigo G-Tape. 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 uses or any implied warranty or condition arising from a course of dealing, custom, or usage of trade. If Nichigo G-Tape does not conform to this warranty, the sole and exclusive remedy is, at Nippon Gohsei's option, replacement or Nichigo G-Tape or refund of the purchase price.

## **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.



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