



# TECHNICAL DATA SHEET



## No More Nails® Heavy Duty Mounting Tape

**Description:** LePage No More Nails Mounting Tape is a super strong, double-sided tape for fast, clean and durable mounting indoors and outdoors. One roll can hold up to 50 kg. No More Nails Mounting Tape is waterproof and has high resistance to UV light, plasticizers and aging.

### Available As:

| Item # | Size          | Package     |
|--------|---------------|-------------|
| 778548 | 1.5 m x 19 mm | Carded Roll |

### Features & Benefits:

- Water Resistant
- Easy to Use
- Resistant to UV Light & Aging
- Each Roll Holds up to 50 kg

### Recommended For:

LePage No More Nails Permanent Mounting Tape can be used for applications on tiles, metal, wood, stone, glass and plastics including PVC, polyethylene, polypropylene and nylon. Ideal for mounting skirting boards, pictures, mailboxes, house numbers, hooks and auto trim attachments.

### For Best Results:

- Not for use on polytetrafluoroethylene (PTFE)/ Teflon® surfaces
- Not suitable for contact with silicone
- Not suitable for water immersion

### Coverage:

- Each package contains 1 roll of 1.5m which can hold up to 50 kg (or 5 kg for every 15 cm of tape)



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## Typical Physical Properties:

|             |   |
|-------------|---|
| Color:      | Translucent                                   |
| Appearance: | Tape 19 mm wide x 1.14 mm thick               |
| Base:       | Acrylic                                       |
| Shelf Life: | 24 months from date of manufacture (unopened) |

## Typical Application Properties:

|                          |                           |
|--------------------------|---------------------------|
| Application Temperature: | Apply between 10°C (50°F) |
|--------------------------|---------------------------|

## Typical Performance Properties:

|                                  |                                   |   |
|----------------------------------|-----------------------------------|---|
| Service Temperature:             | -40°C to 120°C (-40°F to 248°F)   |   |
| Tensile Strength:                |                                   | ASTM D412 Die C                                 |
| As received:                     | 1.599 N/mm <sup>2</sup> (232 psi) |   |
| Aged 70 hours @ 100°C:           | 2.716 N/mm <sup>2</sup> (394 psi) |   |
| Elongation:                      |                                   | ASTM D412 Die C                                 |
| As received:                     | 808%                              |   |
| Aged 70 hours @ 100°C:           | 667%                              |   |
| Cleavage Peel Adhesion Strength: |                                   | FLTM BU 112-02 Method A<br>Painted Steel Panels |
| <b>Breakaway Strength</b>        |                                   |   |
| 72 hours @ room temperature:     | 10.3 N/mm (58.8 pli)              |   |
| 14 days @ 90 ± 2°C:              | 13.3 N/mm (75.9 pli)              |   |
| 14 days @ 100% RH and 38°C:      | 9.5 N/mm (54.2 pli)               |   |
| Water immersion, 240 hours:      | 8.8 N/mm (50.2 pli)               |   |
| 5 weathering cycles:             | 16.4 N/mm (93.6 pli)              |   |
| <b>Continuous Strength</b>       |                                   |   |
| 72 hours @ room temperature:     | 2.5 N/mm (14.3 pli)               |   |
| 14 days @ 90 ± 2°C:              | 4.8 N/mm (27.4 pli)               |   |
| 14 days @ 100% RH and 38°C:      | 2.8 N/mm (16.0 pli)               |   |
| Water immersion, 240 hours:      | 2.5 N/mm (14.3 pli)               |   |
| 5 weathering cycles:             | 6.3 N/mm (36 pli)                 |   |
| Cleavage Peels:                  |                                   |   |
| <b>Breakaway Strength</b>        |                                   |   |
| Aluminum, 24 hours @ RT:         | 12.2 N/mm (69.6 pli)              |   |
| Glass, 24 hours @ RT:            | 18.6 N/mm (106.2 pli)             |   |
| Aluminum, 500 hours UV-B:        | 18.9 N/mm (107.9 pli)             |   |
| Glass, 500 hours UV-B:           | 15.0 N/m (85.7 pli)               |   |
| <b>Continuous Strength</b>       |                                   |   |
| Aluminum, 24 hours @ RT:         | 6.6 N/m (37.7 pli)                |   |
| Glass, 24 hours @ RT:            | 6.8 N/mm (38.8 pli)               |   |
| Aluminum, 500 hours UV-B:        | 8.7 N/mm (49.7 pli)               |   |
| Glass, 500 hours UV-B:           | 10.2 N/mm (58.2 pli)              |   |

## Directions:

### Tools Typically Required:

Scissors or knife

### Preparation:

Use above 10°C (50°F). Surfaces must be clean, dry and free of frost, grease, dust and other contaminants. Dust and dirt contamination of the adhesive surface will reduce bond strength. Clean surfaces with acetone or rubbing alcohol. Always follow solvent manufacturer's safety warnings when using.

### Application:

Apply mounting strip to the object, remove protective red strip and press firmly on the target. On a large surface area, apply strips vertically. The position of the object cannot be corrected after pressing. Touching the tape with fingers during application should be avoided as the grease on the fingers can lead to a decrease in adhesive strength. Gap-filling properties of the tape are limited to the thickness of the tape. Initial tack of the tape is very high but final strength of the bonding is reached after 24 hours. Application of the tapes can damage delicate surfaces. Test before use.

## Storage & Disposal:

Not damaged by freezing. Dispose of unwanted tape with trash.



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The information and recommendations contained herein are based on our research and are believed to be accurate, but no warranty, express or implied, is made or should be inferred. Purchasers should test the products to determine acceptable quality and suitability for their own intended use. Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute a permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

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