



Arkint Tapes

Installation Instruction



Arkint®



Installation Guide

ARK Flashing Tape

Wide Flashing Tape for Inside and Outside Wall Corners for Buildings.

Product Overview

ARK Flashing Tape provides reliable sealing for seams, tears, and holes in waterproofing and weather-resistive barriers. Its strong adhesive bonds securely to ARK membranes, creating a continuous protective barrier for long-lasting performance. Easy to install, it helps reduce water damage, improve energy efficiency, and enhance indoor comfort.

General Considerations

Start at the bottom of the structure to ensure proper shingling throughout the installation. Proper shingling is required to shed and prevent water from entering the wall system. Be sure to overlap the previously installed piece of Flashing Tape by at least 2".

The method in this bulletin depicts the Flashing Tape installed directly to the sheathing before the membrane is installed. Flashing Tape can also be installed after the membrane, but care must be taken if installed over the membrane, as the tape will bond almost instantly.

Protecting Inside Wall Corners with Flashing Tape

1. Cut the Flashing Tape to a manageable length.
2. Fold Flashing Tape in half lengthwise, apply pressure to create a sharp crease.
3. Starting at the bottom of the wall, place the fold flush against the inside corner with the release papers facing out.
4. Remove the release paper closest to the inside corner.
5. Working out from the corner, apply pressure and roll the tape outward to adhere smoothly—avoid wrinkles and fish mouths.
6. Remove the outside release paper and adhere the tape to the surface using firm hand pressure or a j-roller.
7. Remove the remaining release paper and apply using firm pressure or a j-roller.

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8. Repeat steps 1-7 for the next length of Flashing Tape until reaching the top of the structure. Be sure the tape overlaps by at least 2".

Protecting Outside Wall Corners with Flashing Tape

1. Cut the Flashing Tape to a manageable length.
2. Fold Flashing Tape in half lengthwise, apply pressure to create a sharp crease.
3. Starting at the bottom of the wall, align the folded edge with the corner, release papers facing out.
4. Remove the release paper closest to the corner.
5. Working out from the corner, use firm hand pressure or a j-roller to roll the tape outward—avoid wrinkles and fish mouths.
6. Remove the outside release paper and adhere the tape to the surface.
7. Remove the remaining release paper and apply using firm hand pressure or a j-roller.
8. Repeat steps 1-7 for the next length of Flashing Tape until reaching the top of the structure. Be sure the tape overlaps by at least 2".

Maintenance & Warranty

ARK Flashing Tape do not need special maintenance after installed; Lifetime warranty from the day of installation if it is quality defects.

Remark:

Recommendations on methods, materials, and construction details are provided by Ark Synthetics based on current knowledge and experience. They serve as a general guide for designers, contractors, and manufacturers. Installation should also consider local conditions, project-specific requirements, and guidance from designers or other qualified professionals. For project assistance, contact info@arksynthetics.com

ARK SYNTHETICS INC.
2015 MAIN STREET
VANCOUVER, BC V5T 3C2 CANADA
+1 778-325-1557
info@arksynthetics.com

Visit us at arksynthetics.com for questions, call (778)3251557



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Installation Guide

ARK UltraWrap Flex Tape

Extendable Self-Adhered Flashing For Sealing Around Non-Flanged Objects

Product Overview

ARK UltraWrap Flex Tape (extendable flashing tape) provides reliable air- and water-barrier protection around windows, doors, and wall penetrations. Its flexible, self-adhered design conforms to straight, curved, or custom openings, delivering a seamless seal without mechanical fasteners. Easy to handle and install, it ensures long-lasting performance in all weather conditions.

General Considerations

For best results, install ARK Membrane, or other water-resistive barrier before installation of a product that penetrates the exterior sheathing. Once in place and secured, the penetrating object can be sealed directly to the water-resistive barrier using ARK UltraWrap Flex Tape to establish continuity of the drainage plane.

Please refer to the applicable Weatherization Systems Installation Guidelines for more information. Maintain careful placement of the exposed butyl during installation once the release paper is removed. It is recommended that installers evaluate the suitability of ARK UltraWrap Flex Tape onto non-ARK Membrane materials.

Sealing Round Pipes, and Other Round Objects, with Outside Diameters (OD) Less Than 2"

1. Cut a piece of ARK UltraWrap Flex Tape that is 1/2 the length of the pipe circumference.
2. Fold the ARK UltraWrap Flex Tape to break perforations in release paper and create a sharp crease.
3. Remove narrow (~1") width of release paper.
4. While still folded, center ARK UltraWrap Flex Tape under the pipe and use the

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remaining release paper edge to position ARK UltraWrap Flex Tape tight against the ARK Membrane. Adhere the exposed butyl to the underside of the pipe.

5. Gently remove remaining release paper to avoid stretching the product.

Sealing Round Pipes, and Other Round Objects, with Outside Diameters (OD) Less Than 2" (continued)

1. Fan out ARK UltraWrap Flex Tape so it extends onto the ARK Membrane
2. Cut a second piece of ARK UltraWrap Flex Tape the length of the pipe circumference.
3. Fold the second piece of ARK UltraWrap Flex Tape to break perforations in release paper and create a sharp crease. Remove narrow (~1") width of release paper. While still folded, center ARK UltraWrap Flex Tape above the pipe and use the remaining release paper to position tight against the ARK Membrane. Adhere the exposed butyl to the top, and down each side of the pipe to the 3 and 9 o'clock positions.
4. Extend the length of ARK UltraWrap Flex Tape and gently remove remaining release paper to avoid stretching the product.
5. Position the unadhered butyl of the narrow section below to overlap the edges of ARK UltraWrap Flex Tape installed first by a minimum of 1". Use thumbs to adhere. Do not stretch ARK UltraWrap Flex Tape.
6. Fan out the remaining unadhered ARK UltraWrap Flex Tape onto the ARK Membrane above and down each side of the pipe.
7. Use firm hand pressure on both pipe and ARK Membrane surfaces for a good bond and secure seal. Remove any wrinkles or creases by using firm hand pressure to ensure a fully adhered and smooth surface.

Sealing Round Pipes, and Other Round Objects, with Outside Diameters (OD) Less Than 2" (continued) (Method can also be used for rectangular objects)

1. Measure and cut a piece of ARK UltraWrap Flex Tape at least 2" longer than pipe circumference.



2. Fold the piece of ARK UltraWrap Flex Tape to break perforations in release paper and create a sharp crease.
3. Remove narrow (~1") width of release paper.
4. With the flashing still folded at the crease, use the remaining release paper edge to position ARK UltraWrap Flex Tape tight against the ARK Membrane at the 3 o'clock position and adhere a small section of the exposed butyl onto the pipe.
5. With the flashing still folded at the crease, extend length of ARK UltraWrap Flex Tape and gently remove remaining release paper. Avoid stretching ARK UltraWrap Flex Tape
6. Continue to adhere ARK UltraWrap Flex Tape around the circumference of the pipe to the 1 o'clock position by gently placing the exposed butyl onto the pipe surface with minimal tension.
7. Unfold and fan out ARK UltraWrap Flex Tape applied at the 3 o'clock position to the ARK Membrane. Adhere the remaining exposed butyl of ARK UltraWrap Flex Tape to lap over the layer below and then onto the ARK Membrane.
8. Fan out the remaining ARK UltraWrap Flex Tape onto the ARK Membrane around the circumference of the pipe. Use firm hand pressure on both pipe and ARK Membrane surfaces for a good bond and a secure seal. If any wrinkles or creases form during application, ensure they are smoothed out and adhered with firm hand pressure.

The method for Round Objects with Outside Diameters (OD) Greater Than 2" can be used for non-flanged objects having rectangular and other geometries.

1. Measure and cut a 2" length of ARK UltraWrap Flex Tape

NOTE: Larger wires, cables, or bundles of wires may require a longer piece of ARK UltraWrap Flex Tape.

2. Fold the piece of ARK UltraWrap Flex Tape to break perforations in release paper to create a 90 degree angle.
3. Remove narrow (~1") width of release paper.



4. Position ARK UltraWrap Flex Tape above the wire so the exposed butyl is centered on top of the wire, and the side with remaining release paper is against the ARK Membrane.
5. Extend both sides of ARK UltraWrap Flex Tape below the wire and adhere each corner and outside edge to ARK Membrane as shown.
6. Pinch together the exposed butyl of ARK UltraWrap Flex Tape below wire to create a flap and complete a full perimeter seal around wire. Use firm hand pressure to remove any pinholes at the crease below the wire where the butyl is adhered together.
7. Remove remaining release paper.

Maintenance & Warranty

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ARK SYNTHETICS INC.
2015 MAIN STREET
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+1 778-325-1557
info@arksynthetics.com

www.arksynthetics.com

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Installation Guide

ARK Seam Airtight Tape (exterior)

Extendable Self-Adhered Flashing for Sealing Around Non-Flanged Objects

Product Overview

ARK Seam Airtight Tape (exterior) provides reliable protection against water, air, and moisture for exterior walls. Its strong adhesive bonds securely to membranes and sheathing, ensuring long-lasting performance in all weather conditions. Easy to install, it helps improve energy efficiency and indoor comfort.

1. Surface Preparation

- **Clean the Surface:** Ensure the surface where the tape will be applied is dry, clean, and free from dust, dirt, oil, grease, or other contaminants. Use a brush or vacuum to remove any debris from the surface.
- **Smooth Surface:** The surface should be smooth and dry. If it's rough, fill in any large gaps or imperfections before applying the tape to ensure proper adhesion.
- **Temperature Conditions:** The installation temperature should generally be between 5°C and 30°C (41°F to 86°F). Avoid applying the tape in freezing temperatures or in extreme heat as it could affect the adhesive.

2. Cutting the Tape

- **Measure and Cut:** Measure the necessary length of tape and cut it using scissors or a utility knife. Ensure the cuts are clean and straight for optimal installation.
- **Avoid Stretching:** Do not stretch the tape while applying it, as this can affect the adhesive bond and performance.

3. Peel the Backing



- **Remove Protective Film:** Peel off the protective backing or release liner from the adhesive side of the tape. Be cautious to avoid letting the adhesive side touch any dirt, moisture, or debris.

4. Apply the Tape

- **Align the Tape:** Position the tape along the seam or joint you wish to seal. Start at one end and apply the tape gradually to avoid air bubbles or wrinkles.
- **Press for Full Adhesion:** Press the tape firmly along the length of the seam to ensure it adheres well to the surface. If necessary, use a roller or squeegee to press the tape down fully to ensure strong adhesion and eliminate air pockets.
- **Overlapping:** For longer seams or joints, overlap the tape by approximately 2-3 cm (around 1 inch) to ensure a continuous and airtight seal.

5. Press and Seal the Tape

- **Firm Pressure:** After applying the tape, apply firm pressure along the entire length of the tape. Ensure that the tape is fully adhered to the surface and there are no gaps or bubbles.
- **Use a Roller:** Use a hand roller or similar tool to ensure full adhesion, especially along the edges, corners, and seams where extra pressure is needed.

6. Inspect the Installation

- **Check for Gaps:** Inspect the tape after installation to make sure there are no gaps, wrinkles, or bubbles. If any areas are loose or improperly adhered, press the tape down again.
- **Seam Integrity:** For areas where the tape overlaps or joins, verify that the seams are sealed effectively. The overlap should ensure that there's no chance for air or water leakage.

7. Post-Installation



- **Protection:** Once the tape is installed, it can be covered by other building materials such as insulation, siding, or cladding as per the project requirements. Ensure that the tape is undisturbed during this stage to maintain the seal.
- **Allow Bonding Time:** Let the tape cure and bond fully before exposing it to heavy moisture or pressure.

Important Notes

Avoid Contaminants: Keep the adhesive side of the tape free from dust, oils, or moisture during installation. Contaminants can reduce the adhesive strength.

UV Exposure: If the tape will be exposed to direct sunlight for an extended period, consider covering it with exterior cladding or a protective layer as UV rays may degrade the tape over time.

Storage: Store the tape in a cool, dry environment. Prolonged exposure to high temperatures or moisture before use can affect the tape's adhesive properties.

Maintenance & Warranty

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Installation Guide

ARK Seam Airtight Tape (interior)

Single-sided, Diffusible, and Rainproof High-performance Adhesive Tape

Product Overview

ARK Seam Airtight Tape (interior) provides reliable sealing for seams, joints, and penetrations in interior walls. Its strong adhesive bonds to vapor control layers and membranes, creating a continuous airtight barrier. Easy to install, it helps improve energy efficiency and indoor comfort.

Usage: Seam Airtight Tape (interior) is a single-sided, diffusible, and rainproof high-performance adhesive tape used for permanent wind-tight bonding of component layers outdoors, especially for vapor barriers, adhesives, and sealants.

Key Installation Steps:

1. Surface Preparation:

Remove dust, excess moisture, and ensure all nails or screws are flush and even.

2. Tape Application:

Ensure the tape adheres to both sides of the sheathing by at least ≥ 1 inch (≈ 25 mm). For wider joints or corner details, use a wider width of Seam Airtight Tape (interior).

3. Activating the Adhesive:

After positioning the tape, apply pressure to activate the adhesive (can use hands or a tool). Ensure there are no air bubbles.

4. Installation Illustration:

For sheathing joints, apply the tape along the center of the joint.



5. Additional Notes for Window/Door Frames:

Width Selection: Choose tape width according to window manufacturer specifications.

6. Corner Installation: When applying around corners, the tape can be pulled slightly taut before sticking, then cut to length and progressively peel the backing.

Maintenance & Warranty

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ARK SYNTHETICS INC. (Canada)
Ark Guard LLC (USA)
+1 778-325-1557
info@arksynthetics.com

www.arksynthetics.com