



FXN Product Installation Manual

(Version 2)

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Attention:

Please review all safety precautions and warnings carefully before starting the installation.

Safety Precautions

Safety precautions are essential when dealing with any electrical or mechanical equipment. These precautions should be followed when installing, servicing, and maintaining FXN product installations. If safety precautions are overlooked or ignored, personal injury or property damage may occur. Failure to follow the instructions contained within this manual may result in the product not suppressing a fire as designed, cause damage to the protected enclosure, or present serious health hazards, including death, to those in proximity to the enclosure. Please ensure all warnings, cautions, and danger notices provided in this document are always observed and followed. The following safety precautions should always be adhered to:

WARNING

Heat sensitive products are extremely hazardous and if not handled properly can cause bodily injury, death, or property damage

WARNING

Discharge of agent can result in a potential hazard to personnel from the natural form of the agent. Avoid unnecessary exposure

WARNING

Proper surface cleaning and preparation are crucial to the successful adhesion of the product. Ensure the surface is thoroughly clean to guarantee effective adhesive attachment.

⚠ WARNING

If the FXN Product activates due to fire, isolate and de-energize equipment within the protected enclosure

⚠ WARNING

Ensure the “Protected by FXN Products” label is clearly visible and securely fastened to the protected enclosure. Verify that all personnel are informed about the product and trained on its proper use.

- ✓ Thoroughly read and understand this manual and all referenced documents before proceeding.
- ✓ Always wear safety glasses when handling FXN products. It is also recommended to wear heat-resistant gloves and protective clothing to prevent burns in case of accidental ignition.
- ✓ Follow all safety procedures outlined in the accompanying documentation and in these instructions.
- ✓ After an ignition event, do not assume that FXN products are cool to the touch. Always handle them with heat-resistant gloves and with extreme caution.

Any questions concerning the information contained in this manual should be addressed to:

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Please visit www.FireXNull.com for regular technical updates and announcements.

FXN Sticker

Installation Manual

1. Environmental Safety

Ensure the electrical enclosure is completely safe to access and the electrical power to the enclosure is disconnected before installing the FXN Sticker. Do not place the FXN Sticker on a hot surface or in an environment where the ambient temperature exceeds $248\pm 9^{\circ}\text{F}$ ($120\pm 5^{\circ}\text{C}$)



2. Surface Cleaning

Clean the ceiling surface. Ensure the surface is dry and free of dust, grease, contaminants, and lubricants.
Use a lint-free cloth to wipe the surface clean.



3. Adhesive Backing Removal

Peel the protective paper off the adhesive side of the sticker, being careful not to touch the adhesive side. Position the sticker on the desired and prepared surface inside the ceiling of the enclosure.



4. Sticker Positioning

Starting from the center, press the sticker onto the surface and smooth it outwards to remove any air bubbles.
Firmly press the sticker onto the surface, ensuring full adhesion.



5. Final Steps

Labeling: Ensure you label the installation date with a 5-year shelf life (expiration).
Replace the sticker after 5 years or after activation.



FXN Rope

Installation Manual

1. Environment Safety

Before installing the FXN Rope, verify that the electrical enclosure is completely safe to access and that the electrical power has been disconnected. Handle the FXN Rope with care—avoid crushing or kinking it, as this could disturb the internal granules and compromise the product’s performance. After installation, secure any excess rope along the outline of the protected object using cable ties as necessary. Avoid placing the FXN Rope on a hot surface or in an environment where the ambient temperature exceeds $428^{\circ}\text{F} \pm 9^{\circ}\text{F}$ ($220^{\circ}\text{C} \pm 5^{\circ}\text{C}$). Warning: To prevent any accidental injuries, use fireproof gloves when handling the rope.



2. Preparation

Each FXN Rope kit includes all standard installation accessories. You may require cable tie cutters or a similar tool to trim excess material after securing the cable tie. Ensure you have all necessary components, including the FXN Rope, mounting hooks, and cable ties.

Important: Do not cut the rope.

Clean the surface inside the enclosure where the mounting hooks will be attached, ensuring it is dry and free from dust, grease, contaminants, and lubricants.

The one-piece mounting hooks feature a self-adhesive square mounting surface and a flat tab. Gently roll the flat tab into a semi-circle with a diameter matching that of the Rope to hold it securely during the final mounting assembly.



FXN Rope

Installation Manual

3. Positioning

Position the FXN Rope Mounting Hooks inside the electrical enclosure walls, maintaining a spacing of 6 inches (150mm) between each hook.

It is recommended to install the FXN Rope horizontally above potential ignition sources, as vertical placement may delay its response time.

Ensure the cable tie are snug around the FXN Rope, but not overly tight, to prevent deforming the product and compromising its suppression effectiveness.

When positioning the FXN Rope near an ignition source, make sure the cable tie are not placed between the ignition point and the FXN Rope to enable the quickest possible fire detection and optimal performance.



4. Attachment of Mounting Hooks

Peel off the protective paper from the adhesive side of the mounting hooks.

Press the mounting hooks firmly onto the clean, dry surface, ensuring there are no gaps or voids between the mounting surface and the attachment wall. and ensure full adhesion end to end.

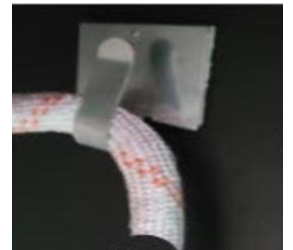


FXN Rope

Installation Manual

5. Positioning the Rope

Attach the FXN Rope securely to the semi-circle tab tail of the mounting hooks and fasten it with cable ties. Ensure the rope is properly positioned and taut. Cut off any excess length of the cable ties using proper cutting tools as necessary.



6. Inspection

Inspect the FXN Rope and mounting hooks for any signs of wear or damage, and replace if necessary. Regularly check the rope mounting assembly to ensure it remains secure. Replace the rope every 5 years or after each activation.



7. Labeling

Label the installation date and 5-year shelf life (expiration) on the enclosure. Ensure the labels are clear and placed in a visible location.



FXN Tape

Installation Manual

1. Safety Instruction

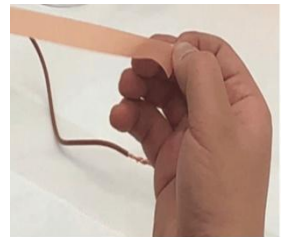
Before starting, disconnect all electrical power sources to the enclosures, junction boxes, electrical wires.

Verify that the area is safe to work in and that all necessary safety precautions have been taken.

Do not place the FXN Tape on a hot surface or in an environment where the ambient temperature exceeds $248\pm 9^{\circ}\text{F}$ ($120\pm 5^{\circ}\text{C}$).

Clean the surface. Ensure the surface is dry and free of dust, grease or any contaminants.

Completely dry the surface before application.



2. Wrapping the Wire

Measure and cut the FXN Tape to the required length. Begin wrapping the tape around the wire, ensuring it securely covers the connection point. Continue wrapping until the connection is fully covered.



3. Secondary Wrapping

For added durability and protection, wrap the connection with electrical tape over the FXN Tape.



4. Final Steps

Ensure the tape is wrapped tightly and smoothly around the wire.

Inspect the wrapped wire for any gaps or loose ends and re-wrap if necessary.

Labeling: Ensure to label the installation date and 5-year shelf life (expiration) on the tape or enclosure.

Replace the tape every 5 years or after each activation.

