

INSTRUCTION BOOK FOR
Lace And Grommet
Screen Surfaces



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Manufacturer's Precaution

Each Da-lite Screen is carefully inspected, wrapped and packed in a manner that insures delivery to destination in first class condition. Careless handling of screens during installation can

result in screen surface being wrinkled, torn or damaged. Legrand AV does not assume responsibility for such damage.

Pre-Installation

Da-Lite Lace and Grommet screens are custom made to meet the requirements for large surface installation of a relatively permanent nature. Great care is taken in the production of these screens to assure extreme serviceability and excellence of picture reproduction. Maximum overall size is based on fabric type.

The Lace and Grommet screen is trimmed with a strong 2" webbing and grommets spaced uniformly every 6 inches. Lacing cord, included at a slight extra charge, is laced through grommets and fastened to hooks on frame, providing a completely wrinkle-free surface.

If a Series 200 or 300 frame was purchased, see the instructions provided with the frame for assembly.

Lace and Grommet style screens are not recommended unless the stage has a fly loft for safe storage of the screen when it is not in use.

Screens are priced per square foot on overall screen sizes, which are 4" larger each way than picture area. When ordering Lace and Grommet custom made screens, please give the following dimensions:

1. Overall size, including black webbing.
2. Net picture area, excluding black webbing.

Approximate shipping weight, 1/2 lb. per square foot.

Large projection screens will have one or more vertical seams.

Suggested Methods of Installation

Conditions in theaters vary so greatly that no set of instructions would be complete for each theater. The following suggestions, regarding the installation, when supplemented with proper care and good judgment in meeting local conditions will result in a rapid and satisfactory installation.

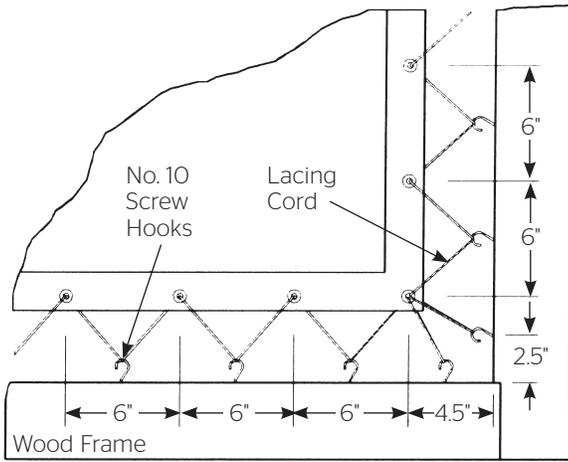
Installing screen to the frame: First, and most important, is to handle the screen in a manner to prevent it from being wrinkled during installation.

The safest method is to lay the frame flat on a clean floor and unroll the screen inside the frame. Tie it at all four corners to ensure centering in the frame. Then, install lacing around all four sides. Do not attempt to draw lacing tight until after the frame is raised to a vertical position.

When necessary to install the screen to a frame already erected, and one that cannot be taken down, it is necessary to stand the rolled screen on end in front of the frame and tie it at frequent intervals to the top of the frame as it is unrolled.

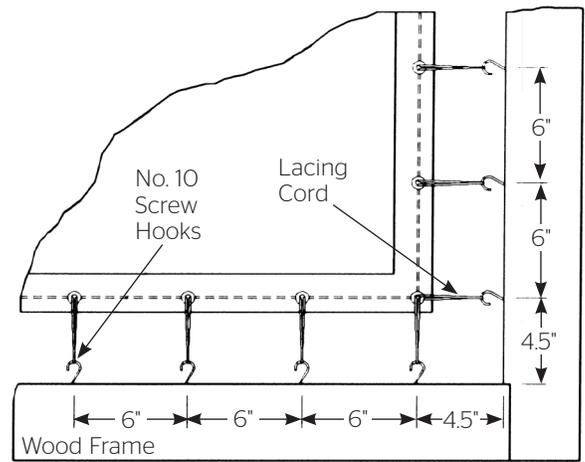
Before starting the actual lacing, we recommend tying the screen to all four corners of the frame to insure its being spaced properly inside the frame.

Note: Practically every installation will have its own unique challenges. For instance, you may find in using your old frame that it is not large enough to lace the screen on the inside, in which case you would place the hooks on the front and outer edge of the frame. For this purpose, we recommend using roofing nails every six inches, leaving one-fourth inch out of the wood for the lacing cord.



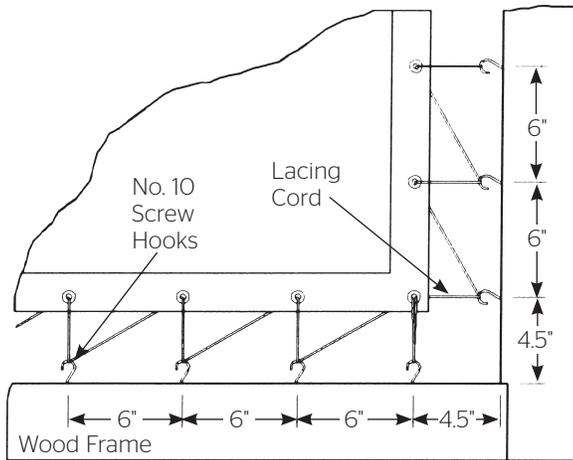
Zig Zag Lacing

Zig Zag Lacing of lacing cord alternately through grommets and under hooks is a method that will produce good results. Use this method where it is necessary to lace a screen to a pipe frame without hooks.



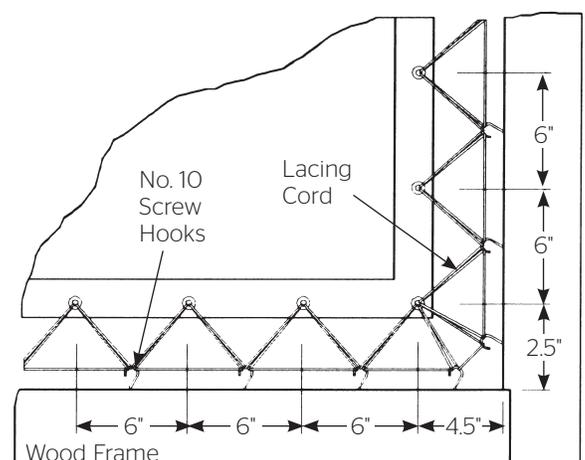
Single Loop Lacing

Single Loop Lacing is fast since each loop is merely doubled, pushed through the grommet and down over the screw hook. Alignment between grommet and screw hook must be straight to avoid puckering of picture surface.



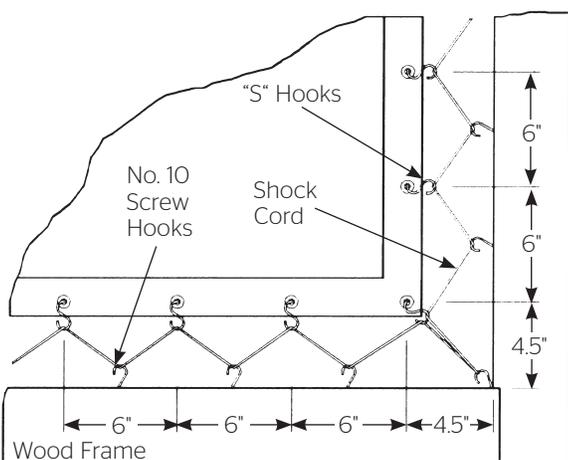
Diagonal Lacing

Diagonal Lacing provides a desirable tension on the fabric. It facilitates putting the correct tension in the correct direction regardless of the grommet and hook relationship.



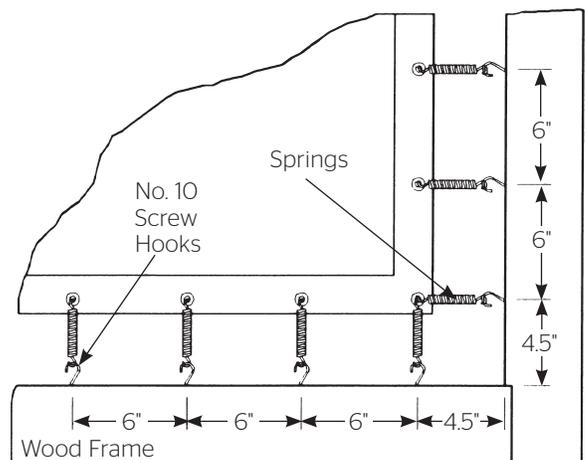
Double Loop Lacing

Double Loop Lacing tends to eliminate any tendency of the picture surface to creep at the edges or unnecessary puckering. This is overcome by pulling each loop over two hooks.



Shock Cord (Elastic) Lacing

Shock Cord Lacing calls for elastic lacing cord (approx. 3/16" dia.) and "S" hooks (approx. 1-1/2") which are inserted in grommet holes. This is the fastest method and usually considered adequate. (Shock cord not supplied by Da-Lite.)



Spring Lacing

Spring Lacing is a more expensive method, usually reserved for rear screens used out of doors. Grommet holes must be in perfect alignment with the screw hooks. (Springs not supplied by Da-Lite.)

Conditions for Transportation and Storage

- Temperature: Between 40 - 100°F (5 - 40°C)
- Relative Humidity: 30% to 70%, non-condensing
- Always keep the projection screen horizontal during transport and storage
- Make sure the entire package is supported when stored
- Do not stack more than six projection screens on top of each other
- Make sure the heaviest package is placed at the bottom of the stack

Screen surface should be allowed to air out once every two months, or otherwise used on a regular basis, if the temperature is above 72°F (22°C) and at least once every month if the temperature goes above 85°F (30°C).

LIMITED FIVE YEAR WARRANTY ON DA-LITE PRESENTATION PRODUCTS

Legrand AV Inc. warrants certain Da-Lite branded products to the original purchaser only, to be free from defects in materials and workmanship for a period of five (5) years from the date of purchase by the original purchaser; provided they are properly operated according to Da-Lite's instructions and are not damaged due to improper handling or treatment after shipment from the factory.

This warranty does not apply to equipment showing evidence of misuse, abuse or accidental damage, or which has been tampered with or repaired by a person other than authorized Da-Lite personnel.

Da-Lite's sole obligation under this warranty shall be to repair or to replace (at Da-Lite's option) the defective part of the merchandise. Returns for service should be made to your Da-Lite dealer. If it is necessary for the dealer to return the screen or part to Da-Lite, transportation expenses to and from Da-Lite are payable by the purchaser and Da-Lite is not responsible for damage in shipment. To protect yourself against damage or loss in transit, insure the product and prepay all transportation expenses.

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In the event that there is a defect in materials or workmanship of a Da-Lite product, you may contact Customer Care at 3100 North Detroit Street, Warsaw, IN 46582, (866) 977-3901.

IMPORTANT: THIS WARRANTY SHALL NOT BE VALID AND DA-LITE BRANDED PRODUCTS SHALL NOT BE BOUND BY THIS WARRANTY IF THE PRODUCT IS NOT OPERATED IN ACCORDANCE WITH THE DA-LITE WRITTEN INSTRUCTIONS.

Keep your sales receipt to prove the date of purchase and your original ownership.



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