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# SMART FILM GLASS

## MEASURING GUIDE

### CONTENTS

#### PART I – MEASURING PROCESS

1.1 MEASURING GUIDE .....	1-2
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## MEASURING GUIDE

*The precise measurement of a window or glass panel is extremely important to the success of a switchable film installation. The film comes pre-sized to fit and **cannot be altered on site. If the measurement is too small, the film won't cover the entire glass area. However if your measurement is too large, the film won't fit within the allotted space. (Noting the 1/8" deduction).***

### 1.1 MEASURING GUIDE

A Few Pointers:

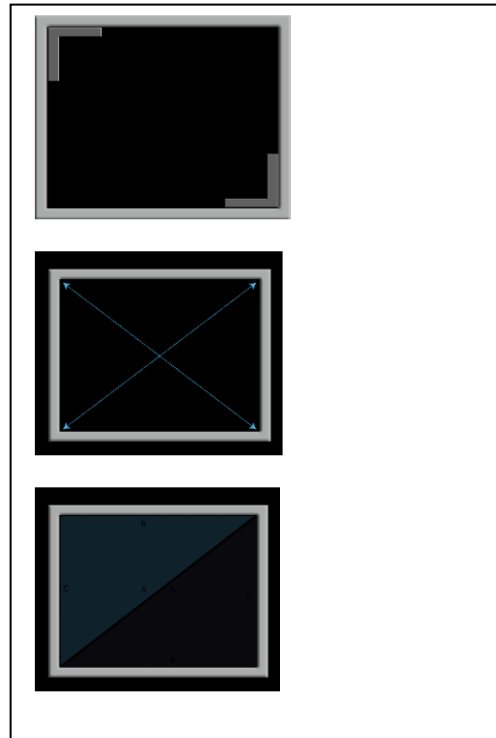
1. Always use a steel measuring tape or distance meter for accuracy.
2. Measure every window or glass panel, even if they all appear to be of similar size.
3. Measure only the inside dimensions of a window or glass panel encompassing the surface area to which film will be applied. Do not include the frame, sealant, beveled edges or butt-joints in the measurements.

Step 1: Determine if the window or glass panel is square, using any of these methods:

a) Check each corner of the window/glass with a framing square. If the corners form 90 degree angles, proceed to Step 2.

b) With a true square or rectangle, measure the diagonals. If the lengths of the diagonals are equal, proceed to Step 2.

c) Use Pythagorean Theorem ( $A^2 + B^2 = C^2$ ) to calculate the triangle measurements. If the window/glass creates two equal triangles, proceed to Step 2.



Note: If the window or glass is found to be out of square, a template of the window may need to be sent to Smart Film Glass to ensure accuracy of film size required.

## SMART FILM ADHESIVE FILM MEASURING GUIDE

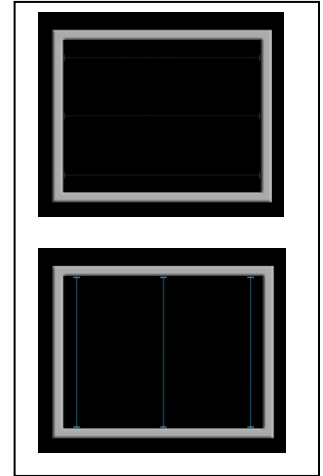
Step 2: Measure the horizontal dimensions of the glass at the top, center, and bottom as shown. Do not take any deductions from your measurements for clearance. We will take the **necessary deductions (generally 1/8" (3mm) on each side) and** inform you.

Step 3: Measure the vertical dimensions of the glass on the left, center, and right as shown. Do not take any deductions from your measurements for clearance. We will take the **necessary deductions (generally 1/8" (3mm) on each side) and** inform you.

Step 4: A sales representative will contact you if any further clarification is required.

In order to fully understand and properly install the adhesive switchable film, [please read the installation guide in its entirety](#) before commencing with installation.

Please note that electrical work is also required to complete the installation and should be completed by a certified electrician.



## LIMITED WARRANTY

Subject to the limitations set in the warranty letter, Wheellok Inc. provides a 1-year limited warranty for Self-Adhesive and/or Lamination Film.