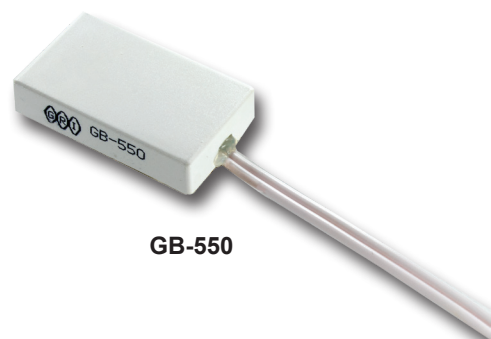# Glass Guard Open Loop

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On Glass Shock Sensor

- ♦ Low profile   ♦ Mounts directly on glass
- ♦ Hermetically sealed   ♦ Latching
- ♦ Security panel operations only
- ♦ Reverse polarity protected
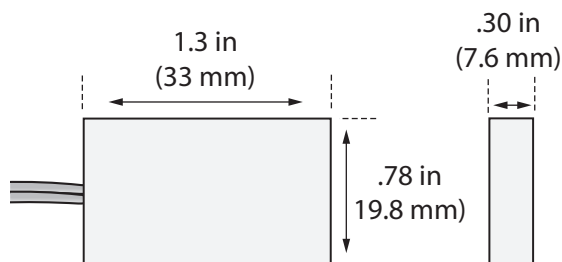- ♦ Extreme UV resistant tape

GB-550

When glass breaks and/or shatters, shock waves are sent in a multitude of direction. The GRI Glass Break Sensor is designed to detect those shock waves. The sensor is sensitive to shock waves from the glass it is attached to while ignoring the rumbling of vehicle traffic, noisy airplanes or nearby train crossings. The GB-550 covers both small and large window, both narrow and wide. This device will detect shock waves of shattering glass on a radius measuring approximately 10' from the GB-550. Power for the device comes from the alarm panel zone power. The glass break sensor will momentarily close when it detects glass breaking. The petite size and elegance of the device makes it simple to install with double faced 3M UV resistant tape.

INSTALLATION:

1.3 in (33 mm)

.78 in 19.8 mm)

.30 in (7.6 mm)

Mount the Glass Guard near a corner of the window, preferably 1 ½" to 2" from the corner. The Glass Guard will monitor a window that is 10' diagonally measured.

The Glass Guard is powered from the alarm system control panel. The Glass Guard has two wires, one is gold colored and the other is silver colored. IMPORTANT: Attach the gold colored wire to the positive side of the zone from the control panel. Attach the silver colored wired to the negative side of the zone from the control panel.

TAPE APPLICATION: To apply the tape to the glass, make sure the surface of the glass is thoroughly cleaned with denatured alcohol or a similar IPA/water mixture. Wipe the glass surface, let it dry completely and then apply the tape/Glass Guard to the cleaned glass. *WARNING!!! This is a powerful adhesive tape. Be very careful where you stick the tape. There won't be a second chance.*

Part Numbers: GB-550 and GB-GB-550-B
GB-550 Glass Guard Electrical Specifications

Voltage:	**10 Volts DC Max**
Switching current:	**14 mA**
On Resistance:	**85 Ohm Max**

Intended for Security Panel Operations ONLY!

Important Note: The loop response must be programmed for a fast reasponse (under 40 ms)