GRANDIO®

GREENHOUSES

MOISTURE CONTROL KIT



ANTI DUST TAPE AND SILICONE CAULK
FOR POLYCARBONATE GREENHOUSE PANELS

© 2014-2026 Grandio Greenhouses, Backyard Living Source Inc. All rights reserved
Revised October 2026

PARTS LIST QUANTITIES FOR GRANDIO ELEMENT

Part Name	6′ x 4′	6′ x 8′	6′ x 12′
VENTED ANTI-DUST TAPE	1	1	1
SOLID ANTI-DUST TAPE	1	1	1
SILICONE TAPE	1	2	2

PARTS LIST QUANTITIES FOR GRANDIO ASCENT

Part Name	8′ x 8′	8′ x 12′	8′ x 16′	8′ x 20′	8′ x 24′
VENTED ANTI-DUST TAPE	1	2	2	2	2
SOLID ANTI-DUST TAPE	1	2	2	2	2
SILICONE TAPE	2	2	3	3	4

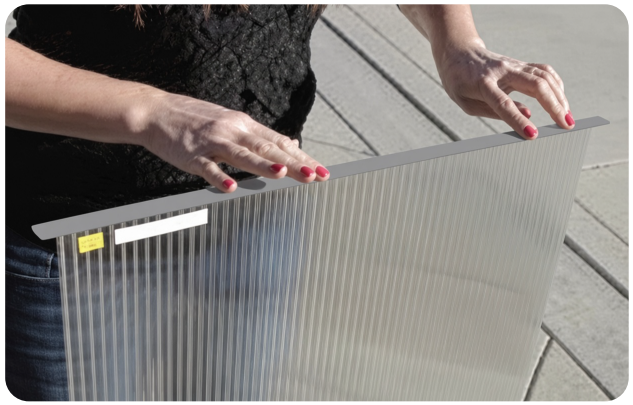
PARTS LIST QUANTITIES FOR GRANDIO ELITE

Part Name	8′ x 8′	8′ x 12′	8′ x 16′	8′ x 20′	8′ x 24′
VENTED ANTI-DUST TAPE	1	2	2	2	2
SOLID ANTI-DUST TAPE	1	2	2	2	2
SILICONE TAPE	2	3	3	4	4

PARTS LIST QUANTITIES FOR GRANDIO SUMMIT

Part Name	12′ x 8′	12′ x 12′	12′ x 16′	12′ x 20′	12′ x 24′	12′ X 28′	12′ X 32′
VENTED ANTI-DUST TAPE	2	2	2	2	3	3	3
SOLID ANTI-DUST TAPE	2	2	2	3	3	3	3
SILICONE TAPE	6	7	8	9	10	11	12

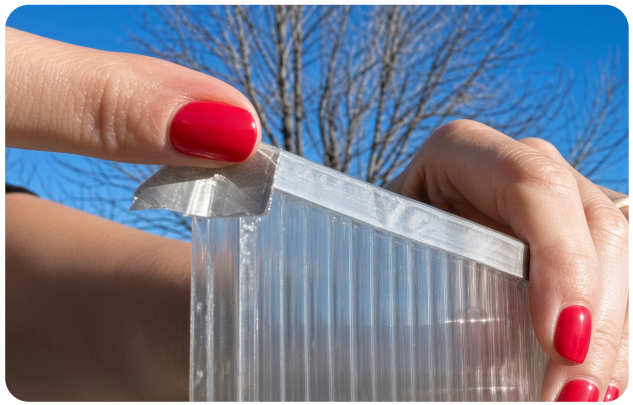
ANTI-DUST TAPE Polycarbonate Panel Application



1.1 Measure the panel length. Cut the tape about ½ inch longer than the panel on each end so the extra can wrap around the sides. Peel off the backing and center the tape on the flutes, with the extra hanging off both ends. **Apply solid anti-dust tape to the top edge. Apply vented tape to the bottom edge, with the vent holes centered on the flutes.**



1.2 Lay the tape across the flutes. Press it down at the middle first, then work out to the edges. Smooth out wrinkles and air bubbles, then press firmly along the whole edge.



1.3 Fold the extra ½ inch around each side and press the ends flat so they seal the edges.

Note: The solid tape on top keeps dust and insects out of the flutes. The vented tape on the bottom does the same, and also lets moisture inside the panel walls evaporate. Some moisture inside the panels is normal with changes in humidity.

SILICONE CAULK Application Instructions

***Follow the drying times and safety precautions on your silicone caulk package.**

1.4 Where to caulk

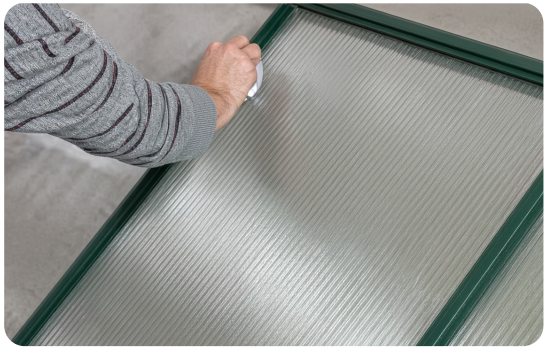
You will need a caulk gun. After greenhouse is completely assembled and squared, apply silicone into the aluminum channel along the bottom and both sides of each polycarbonate panel, on the *outside* of the greenhouse. **Leave the top edge clear where the panels meet the roof.** Caulk any gap where aluminum frame pieces meet so water cannot seep in.



1.5 Cut the tube tip with sharp scissors at an angle so the opening lays a bead about 1/8 inch wide. A smaller opening is easier to control than a large one.



1.6 Start at a corner. Hold the gun at an angle so the tip sits down in the the aluminum channel, not on top of it. Apply steady pressure and move at an even speed so the silicone fills the joint between the aluminum frame and the polycarbonate panel. Keep the bead continuous. Stop and restart only at a corner.



1.7 While the caulk is still wet, wipe along the bead with a clean, dry cloth to press it into the joint and remove smudges. Check the full length for gaps and fill any you find. Silicone on the outer face of the frame will rub off after it dries. See the package for cure time before you expose the greenhouse to rain.