



Greenhouse Plastic Clamp



Mordiev

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Summary

Simple clamp for holding 6 mil plastic onto a steel tube structure.

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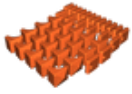
I used the metal frame from a "Harbor Freight portable garage" 10' x 17' to build a greenhouse. I used about 100 of these clamps to hold the 6 mil greenhouse plastic onto that frame. They are spaced about 1' apart. One or two zip ties hold the clamp to the pipe. Then a 1 1/4 " drywall screw holds pinches the clamp down and holds the plastic so it wont slip.

There is an integrated pyramid shape inside the clamp that prevents the plastic from being able to slip or come free.

Feb 2022 this was implemented. Printed using light grey and white PETG. I will return to post updates on performance as the seasons change.

Update March 2022. Several days of winds hitting 40 mph and these clamps are holding just fine. The plastic is not stretching or ripping. But I did decide to add clamps to the inner legs as well. I see that the wind is causing the plastic to rub on these pipe legs.

Model files



greenhouse-clamp-set-prusa.3mf

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