

*"Best Insulation and Light
Diffusion Available!"*

Solexx™

Twin-Wall Flexible Greenhouse Covering

FEATURES AT A GLANCE

- Best choice for insulation on the market! *(see reverse for details)*
- 100% diffuse light—accelerated growth with no burning or shadows
- Protects plants from the harshest weather conditions
- UV protection throughout the extrusion
- Does not yellow or reduce light transmission over time
- Installs horizontally or vertically for less waste
- Easily flexes or bends around peaks
- Fits all greenhouse styles/types
- Easy installation, simply overlap and screw in place
- Easily cleaned and disinfected, will not grow moss or mildew
- Available in continuous rolls up to 900' long—fewer seams



ADAPTIVEplastics™

Save time and money...

When growers choose Solexx to cover new or existing structures, they protect their investment and enjoy a better bottom line. Lower heating costs and accelerated plant growth mean higher profits with Solexx twin-wall, high-density polyethylene panels. The panels provide incredible strength and durability for years of maintenance-free use—putting an end to annual



repair and replacement costs.

Solexx panels provide 100% diffuse light, maximizing growth while eliminating burning and shadows. Studies show diffuse light increases plant health and accelerates growth, so plants are ready for market up to 25% faster. Solexx panels (with 2.3 R Value) have more insulation than 8mm triple wall polycarbonate. With these energy savings alone, the ROI can be as little as 1 ½ to 3 years. For maximum savings, Solexx qualifies for energy rebates where available. Contact us for details.



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HEAT LOSS COMPARISON

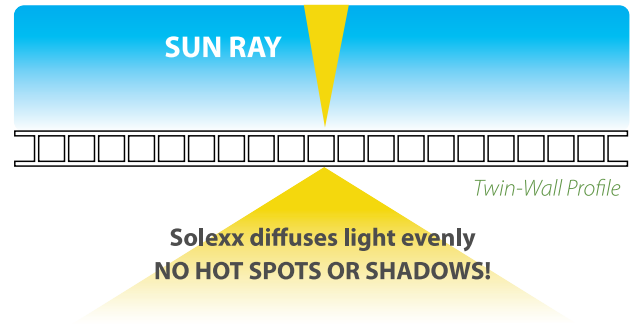
Solexx Twin-Wall Greenhouse Cover ratings obtained through independent lab testing with caulked flutes.

Greenhouse Covering	R-Value	U-Value
5.0mm SOLEXX	2.30	0.43
3.5mm SOLEXX	2.10	0.48
8mm Triple Wall Polycarbonate	2.00	0.50
Double Pane Storm Windows	2.00	0.50
10mm Twin-Wall Polycarbonate	1.89	0.53
Double Polyethylene Film 6mil*	1.70	0.60
8mm Twin-Wall Polycarbonate	1.60	0.63
6mm Twin-Wall Polycarbonate	1.54	0.65
Double Polyethylene Film 5mil*	1.50	0.70
4mm Twin-Wall Polycarbonate	1.43	0.70
Single Pane Glass, 3mm	0.95	1.05
Corrugated Polycarbonate	0.88	1.14
Polyethylene Film 6mil	0.83	1.20
Corrugated Fiberglass	0.64	1.56

* Requires constant inflation to maintain R-Value.

LIGHT TRANSMISSION

Solexx diffuses light softly and evenly for the conditions plants love most.



AVAILABLE SIZES

- 49.5"W x 400'L or 900'L, 3.5mm*
- 49.5"W x 300'L or 600'L, 5mm*
- 52"W x 300'L, 5mm*
- 65"W x 300'L, 5mm
- 77.5"W x 300'L, 5mm

* Custom cut lengths available.

TYPICAL PROPERTIES

For additional specifications please consult an Adaptive Plastics representative or go to www.adaptiveplastics.com.

Test Results

	5.0mm	3.5mm
Light Diffusion Percent	75-80	75-80
Light Transmission	75-80	75-80
Solar Reflectance	22.1	22.2
Shading Coefficient	0.764	0.804
Solar Heat Gain Coefficient	0.665	0.699
Yellow Index	12.853	10.032
Heat Deflection Temperature	118°F @ 66 psi	113°F @ 66 psi
Tensile Strength at Yield	766 psi	603 psi
Flexural Modulus	66,862 psi	58,168 psi
Flammability Rating	HB, CC2	N/A

ADAPTIVEplastics™

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INSTALLATION

For detailed installation instructions please consult an Adaptive Plastics representative or go to the Adaptive Plastics website.