

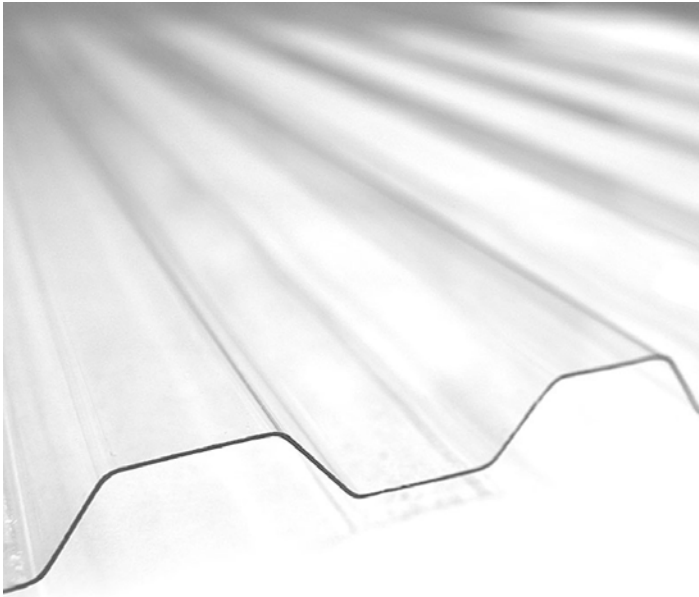
# Greenhouse Coverings

## Polyethylene Film



1. Can be applied in either single or double layer.
2. Double poly film requires the installation of an inflator fan to provide air between the two layers
3. Different grades are available and are rated as either one, two, three or four year film
4. All high quality greenhouse film has a UV inhibitor co-extruded into the film. This will give you extra life before replacement is necessary
5. Many films are also available with an anti-condensate coating to prevent condensate drip on the inside of the greenhouse during humid conditions

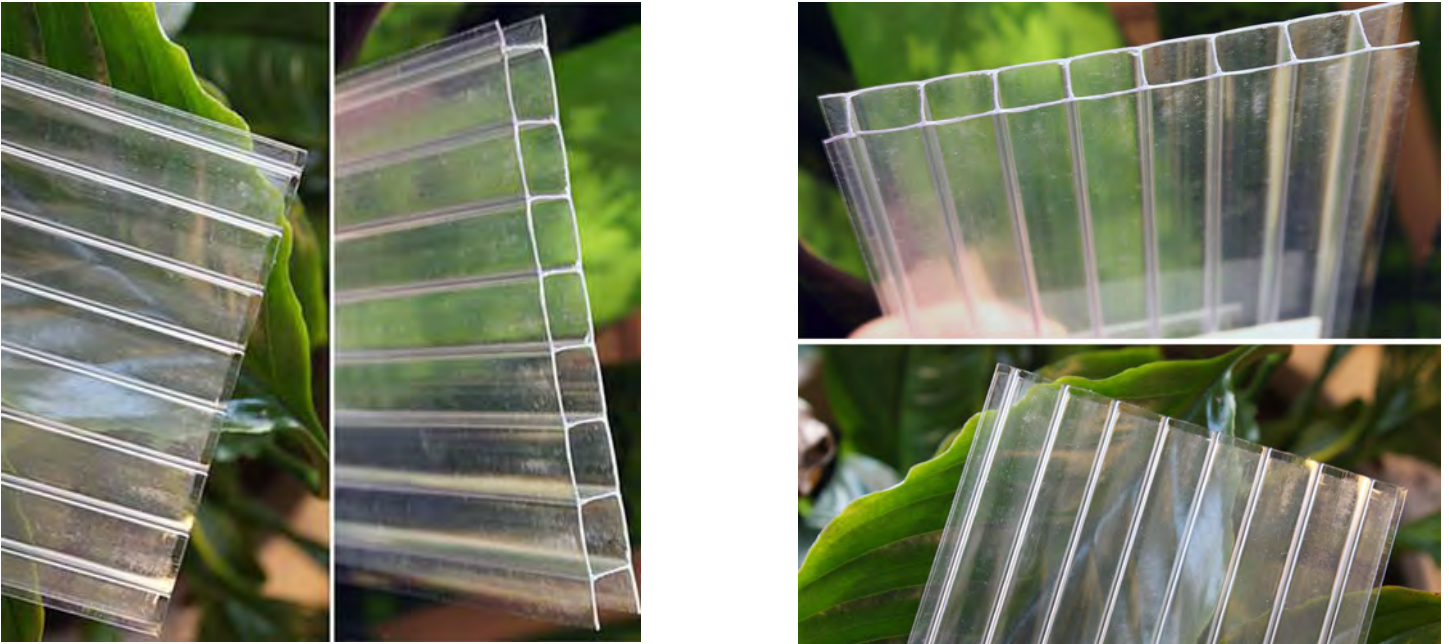
# Corrugated Polycarbonate



1. This is a hard plastic glazing material which approaches glass in its clarity and light properties. Transmission value of up to 92%.
2. Relatively inexpensive. Requires no special extrusions for attachment.
3. Easily installed. Lightweight and can be cut with utility knife or tin snips.
4. Available with anti-condensate coating on inside surface to reduce condensate dripping.
5. Virtually unbreakable which makes it extremely resistant to hail damage.
6. UV protected outer surface to provide long life under high sun conditions.



# Multi-Wall Polycarbonate



1. Tough impact strength for resistance to hail.
2. Provides insulation value similar to insulated glass. Reduces heating costs.
3. UV protected outer surface to provide long life under high light conditions.
4. 10 year warranty against yellowing and loss of light transmission.



<b>Covering</b>	<b>Advantages</b>	<b>Disadvantages</b>	<b>Light Trans- mission</b>	<b>“U” Factor</b>	<b>Insulating Value “R”</b>	<b>Estimated Lifetime</b>
<b>Single Polyethylene Film</b>	<ul style="list-style-type: none"> <li>• Inexpensive</li> <li>• Easy to install</li> </ul>	Short Life	85%	1.2	.83	1 to 4 Years
<b>Double Polyethylene Film</b>	<ul style="list-style-type: none"> <li>• Inexpensive</li> <li>• Saves on heating costs</li> <li>• Easy to install</li> </ul>	Short Life	77%	.70	1.43	1 To 4 Years
<b>Corrugated Polycarbonate</b>	<ul style="list-style-type: none"> <li>• High Transmittance</li> <li>• High impact resistance</li> </ul>	Scratches easily	91%	1.2	.83	15 Years plus 10 Year warranty
<b>Glass Double Strength</b>	<ul style="list-style-type: none"> <li>• High Transmittance</li> <li>• High UV resistance</li> <li>• Resists scratching</li> </ul>	<ul style="list-style-type: none"> <li>• High cost</li> <li>• Difficult installation</li> <li>• Low impact resistance</li> <li>• High maintenance</li> </ul>	88%	1.1	.91	25 plus years
<b>Glass Insulated</b>	<ul style="list-style-type: none"> <li>• High transmittance</li> <li>• High UV resistance</li> <li>• Resists scratching</li> </ul>	<ul style="list-style-type: none"> <li>• Very high cost</li> <li>• Difficult installation</li> <li>• Low impact resistance</li> </ul>	78%	.70	1.43	25 plus years
<b>8mm Twin Wall Polycarbonate</b>	<ul style="list-style-type: none"> <li>• High impact resistance</li> <li>• Saves on heating costs</li> </ul>	<ul style="list-style-type: none"> <li>• Requires glazing system to install</li> <li>• Scratches easily</li> </ul>	80%	.61	1.64	15 years plus 10 Year warranty
<b>10mm Twin Wall Polycarbonate</b>	<ul style="list-style-type: none"> <li>• High Impact resistance</li> <li>• Saves on heating costs</li> </ul>	<ul style="list-style-type: none"> <li>• Requires glazing system to install</li> <li>• Scratches easily</li> </ul>	80%	.65	1.79	15 years plus 10 Year warranty
<b>16mm Triple Wall Polycarbonate</b>	<ul style="list-style-type: none"> <li>• High Impact resistance</li> <li>• Saves on heating costs</li> </ul>	<ul style="list-style-type: none"> <li>• Requires glazing system to install</li> <li>• Scratches easily</li> </ul>	78%	.42	2.38	15 years plus 10 Year warranty

