

# **Important:**

**These catalog pages should be used for product reference only.**

**The pricing in this publication reflects the current pricing at the time of printing  
(02/11).**

**For current pricing please contact your W.H. Milikowski  
sales representative or your local Customer Service Center.**

# Polycarbonate Greenhouse Covering



**VEROLITE**

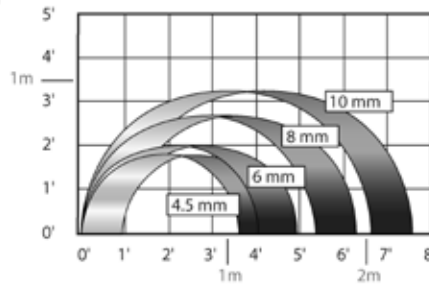
## 8mm Twin Wall

- High Light Transmission
- 10 Year Warranty
- Harmful UV Rays Blocked
- Highly Flexible
- Economical and Light in Weight
- 200 Times Stronger than Glass
- Easily Fabricated

Sheets are available up to 48' and can be custom cut for any greenhouse

### ARCH BENDS

The table below suggests a minimum bend diameter for cold forming VEROLITE® sheets in an arched application. 8mm can cold form to 5.3 feet!



PROPERTIES	
Standard Widths (in.)	48", 72", 83"
Spacing Between Flutes (mm)	10
Light Transmission	
Tints: Clear C1	80%
Opal C9	40%
White C9	20%
Bronze C2	30%
Dark Bronze C2	15%
* Gray C4	30%
Blue C5	50%
Green C7	50%
Insulation: R-Factor	1.64
U-Factor (BTU/hr.ft <sup>2</sup> /°F)	0.61

\* Limited Availability

## Lexan® Thermoclear Plus®

8mm Twin Wall & Triple Wall

# Next Generation

**Virtually No Yellowing!**

- Field Proven Technology
- Maintains its Clarity
- Maintains its Mechanical Properties

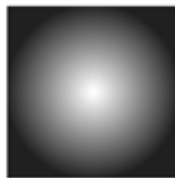
*Ages 5 times slower than competitor's products*

Lexan® Thermoclear-Plus® has proprietary UV protection, giving superior resistance to outdoor weathering. Some things are meant to change their color by season but not your glazing! According to accelerated 4,000 hours weathering tests (DIN53387 / ASTM G26) that have been carried out at GE Advanced Materials Laboratories, Lexan® Thermoclear-Plus® sheet is superior to other available polycarbonate multiwall glazing products. Thermoclear-Plus® sheets offer a ten year warranty against discoloration, loss of light transmission (it will not yellow or reduce light transmission more than 2% over 10 years) and loss of impact strength due to weathering.

## Lexan Softlite Sheets



Direct Light  
1% Diffusion



Softlite  
100% Diffused Light

Lexan Softlite Sheets always have 100% light diffusion. The corrugated sheets have 85% light transmission and the 8mm multiwall sheets have 79% light transmission. This diffusion feature is an excellent candidate for greenhouse applications where plants benefit from high levels of light for growth, but need protection from harsh intense light.

### Benefits of Lexan Softlite Sheets

- Light diffusion prevents burning of plants
- Light scattering helps to eliminate shadows and get light deep into the canopy encouraging plant uniformity
- High light transmission produces high yield

### CONNECTING POLYCARBONATE PROFILES

Join multiwall structured sheets with a complete line of polycarbonate profiles.



H Profile 24' long



U Profile 12' long

WHM #	Description	Price
TWEX01	8-10 mm U-Profile X 12'L	\$ 10.80
TWEX02	8-10 mm H-Profile X 24'L	\$ 59.10

16 mm is Also Available by Special Order



# Lexan® Thermoclear-Plus®

## Coverlite® VEROLITE®

### POLYCARBONATE GREENHOUSE COVERINGS

If you are looking for a high quality polycarbonate sheet which features the latest in product technology and which comes with the kind of personal service you need, consider multiwall or corrugated sheets from AmeriLux! Our polycarbonate sheets are an effective alternative to traditional glazings in a wide variety of applications.

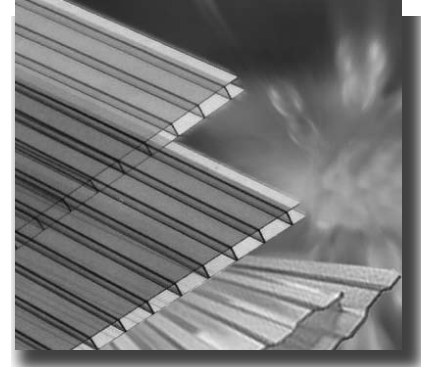
#### VIRTUALLY UNBREAKABLE

Polycarbonate is economical and light in weight, yet is 10 times stronger than acrylic and 200 times stronger than glass.

#### ANTI-DRIP/ANTI-FOG COATING

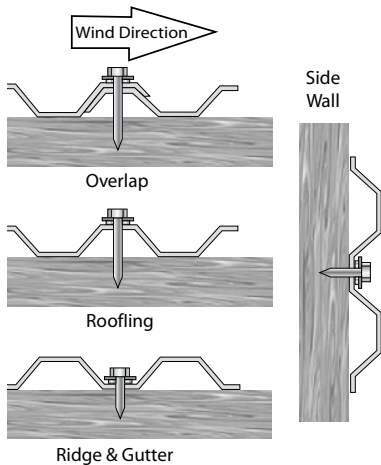
This high tech discovery ensures that greenhouse condensation is carried away from the roofing so water droplets will not damage your nursery stock. Call for more information and availability.

- High Light Transmission
- 10 Year Warranty
- Harmful UV Rays Blocked
- Highly Flexible
- Economical and Light in Weight
- 200 Times Stronger than Glass
- Easily Fabricated

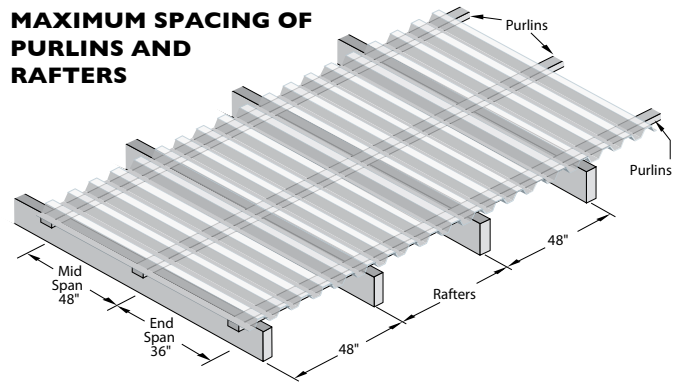


### LEXAN CORRUGATED AN IDEAL GREENHOUSE COVERING

Ideal for Greenhouses and other applications where excellent light transmission is needed in a lightweight sheet. Extensive research and development ensure all corrugated sheets have a high resistance to the harmful effects of weather: both in the impact strength to resist hail damage and in UV protection.



#### MAXIMUM SPACING OF PURLINS AND RAFTERS



**AVAILABLE COLORS**  
Corrugated is available in both clear, opal, bronze and Soft Lite with 100% diffusion and 85% light transmission

**STANDARD SHEET SIZE**  
Sheets are available up to 48' and can be custom cut for any greenhouse.



NAME	OVERALL WIDTH	OVERALL LENGTH	NET COVERAGE	PITCH	DEPTH	THICKNESS
GRECA	26", 50" & 74"	Up to 48'	2', 4' & 6'	3"	.70"	.031"
RIDGE CAP	24"	10'6"	—	—	—	.047"

# Sun Master® Films

Sun Master® greenhouse films combine long life time, superior strength and high light transmission with optional characteristics that transform the film to an active contributor to plant protection, growth and productivity.

## Sun Master® - IV (4 Year, 6 Mil, Clear) & Sun Master® Thermal (6 Mil)

Size	IV Tube	Price	IV Sheet	Price	Thermal Sheet	Price
10' x 100'	--	--	SMIV610100	\$ 100.84	--	--
14' x 100'	SMIV614100T	\$ 282.34	SMIV614100	\$ 141.17	--	--
16' x 100'	SMIV616100T	\$ 322.67	SMIV616100	\$ 161.34	--	--
18' x 100'	SMIV618100T	\$ 363.00	SMIV618100	\$ 181.50	SMTHM618100	\$ 221.43
20' x 100'	SMIV620100T	\$ 403.34	SMIV620100	\$ 201.67	SMTHM620100	\$246.04
21' x 100'	SMIV621100T	\$ 423.50	--	--	--	--
24' x 100'	SMIV624100T	\$ 484.00	SMIV624100	\$ 242.00	SMTHM624100	\$ 295.24
28' x 100'	--	--	SMIV628100	\$ 282.34	SMTHM628100	\$ 344.45
32' x 100'	--	--	SMIV632100	\$ 322.67	SMTHM632100	\$ 393.66
36' x 100'	--	--	SMIV636100	\$ 363.00	SMTHM636100	\$ 442.86
40' x 100'	--	--	SMIV640100	\$ 403.34	SMTHM640100	\$ 492.07
42' x 100'	--	--	SMIV642100	\$ 423.50	SMTHM642100	\$ 516.67
44' x 100'	--	--	SMIV644100	\$ 443.67	SMTHM644100	\$ 541.28
48' x 100'	--	--	SMIV648100	\$ 484.00	SMTHM648100	\$ 590.48
50' x 100'	--	--	SMIV650100	\$ 504.17	SMTHM650100	\$ 615.09
64' x 100'	--	--	SMIV664100	\$ 645.34	--	--

## Sun Master® - Over Winter Film (1 Year, 3 Mil White, 3 Mil Clear, 4 Mil Clear)

Size	3 Mil White	Price	3 Mil Clear	Price	4 Mil Clear	Price
14' x 100'	SMOWW314100	\$ 55.84	SMOWC314100	\$ 55.84	SMOWC414100	\$ 74.44
16' x 100'	SMOWW316100	\$ 63.82	SMOWC316100	\$ 63.82	SMOWC416100	\$ 85.07
18' x 100'	--	--	SMOWC318100	\$ 71.80	SMOWC418100	\$ 95.70
20' x 100'	SMOWW320100	\$ 79.77	SMOWC320100	\$ 79.77	SMOWC420100	\$ 106.34
24' x 100'	SMOWW324100	\$ 95.72	SMOWC324100	\$ 95.72	SMOWC424100	\$ 127.60
28' x 100'	SMOWW328100	\$ 111.68	SMOWC328100	\$ 111.68	SMOWC428100	\$ 148.87
32' x 100'	SMOWW332100	\$ 127.63	SMOWC332100	\$ 127.63	SMOWC432100	\$ 170.14
36' x 100'	SMOWW336100	\$ 143.58	SMOWC336100	\$ 143.58	SMOWC436100	\$ 191.40
40' x 100'	SMOWW340100	\$ 159.54	SMOWC340100	\$ 159.54	SMOWC440100	\$ 212.67
42' x 100'	--	--	SMOWC342100	\$ 167.51	SMOWC442100	\$ 223.30
48' x 100'	SMOWW348100	\$ 191.44	SMOWC348100	\$ 191.44	SMOWC448100	\$ 255.20
50' x 100'	--	--	SMOWC350100	\$ 199.42	SMOWC450100	\$ 265.84

Additional Sun Master products include: Sun Master - IV white 55%, 6 mil and Sun Master - IV white 70%, 6 mil.

***The Above Charts Reflect Stocked Width Sizes  
Additional Stocked Lengths Are Available  
Please Inquire About Your Specific Needs With  
Your Sales Representative Or Your Customer Service Center***



### K50 - 6 mil 4 year, IR - AC

25% Energy Savings - Special infrared additive absorbs and reradiates infrared heat back down to the crop during the evening hours, saving up to 25% on nighttime heating costs.

- » Reduces film surface water droplet - Grower proven industry leader in long lasting drip control.
- » Improved growth - 55% light diffusion means fuller, more uniform plant growth.
- » PAR light transmission is 87% through a single layer of K50 IR-AC
- » Strong EVA copolymer resin for excellent durability.
- » Tri-layer extrusion
- » HALS UV system
- » Nighttime Energy Savings - Using one layer of K50 IR-AC as part of an air inflated double layer installation allows growers to save a minimum of 15% on nighttime heating costs. Special film additives absorb and re radiate infrared heat back down to the crop that would normally escape out of traditional 4 year clear films.

- » Anti-condensation - Klerks incorporates a surfactant throughout the film that reduces water droplet formation by lowering the film's surface tension and allows condensed water to spread out and flow down the film in thin sheets.
- » Infrared - This film helps to conserve energy by holding longer IR wavelengths in the house at night. This keeps the heaters from cycling as often and saves on energy. Has one of the highest thermal ratings of any film in the industry.
- » Diffusion - Breaks up the light and spreads it around your greenhouse. Gives your plants even, cool light that can reach below the canopy.



### K50 - 6 mil 4 year, Clear or White (55%)

- » Strong EVA copolymer resin for excellent durability
- » Tri-layer extrusion
- » HALS UV stabilized
- » Anti-dust additive that repels dirt and dust
- » 92% PAR light transmission through a single layer of K50, Clear
- » Available in Clear or 55% White

### K50 - 6 mil, 4 year Long Life Films

Size	Clear		White		IR-AC		Lbs. per Roll
	WHM #	Price	WHM #	Price	WHM #	Price	
20' x 100'	K4620	\$ 181.26	K4620W	\$ 175.54	KK620	\$ 210.64	60
20' x 150'	K46201	\$ 271.89	K46201W	\$ 263.31	KK6201	\$ 315.96	90
24' x 100'	K4624	\$ 217.52	K4624W	\$ 210.65	KK624	\$ 252.77	72
24' x 150'	K46241	\$ 326.27	K46241W	\$ 315.97	KK6241	\$ 379.15	108
28' x 100'	K4628	\$ 253.76	K4628W	\$ 245.76	KK628	\$ 294.90	84
28' x 150'	K46281	\$ 380.65	K46281W	\$ 368.63	KK6281	\$ 442.34	126
32' x 100'	K4632	\$ 290.02	K4632W	\$ 280.86	KK632	\$ 337.02	96
32' x 150'	K46321	\$ 435.04	K46321W	\$ 421.30	KK6321	\$ 505.54	144
36' x 100'	K4636	\$ 326.27	K4636W	\$ 315.97	KK636	\$ 379.15	108
36' x 150'	K46361	\$ 489.40	K46361W	\$ 473.96	KK6361	\$ 568.73	162
40' x 100'	K4640	\$ 362.52	K4640W	\$ 351.08	KK640	\$ 421.28	120
40' x 150'	K46401	\$ 543.78	K46401W	\$ 526.62	KK6401	\$ 631.92	180
44' x 100'	K4644	\$ 398.77	--	--	--	--	132
44' x 150'	K46441	\$ 598.16	--	--	--	--	198
48' x 100'	K4648	\$ 435.04	K4648W	\$ 421.30	KK648	\$ 505.54	144
48' x 150'	K46481	\$ 652.54	K46481W	\$ 631.94	KK6481	\$ 758.30	216
50' x 100'	K4650	\$ 453.15	K4650W	\$ 438.85	KK650	\$ 526.60	150
50' x 150'	K46501	\$ 679.73	K46501W	\$ 658.28	KK6501	\$ 789.90	225

**ABOVE PRODUCTS ARE ALSO AVAILABLE AS TUBES  
PLEASE CALL FOR SIZE, AVAILABILITY AND PRICING INFORMATION**

## The Technology Leader in Long Life Greenhouse & Overwintering Films

### Overwintering White and Clear Films

- » One season overwintering film
- » Available in 3, 4, 5, and 6 mil thicknesses during spring sales promotion.
- » Choice of Clear, 55% White or 70% White opacity.
- » Tri-layer extrusion results in a one season film with high tear and puncture resistance.

All overwintering film should be booked during Klerk's promotional period (mid-March - May 29) as Klerk's no longer stocks this product in their South Carolina warehouse.

### K1 - 3 mil Overwinter Film

Size	WHM #		Lbs/ Roll	Price
	Clear	70% White		
24' x 100'	K1324	K1324100W70	36	\$ 81.24
24' x 150'	K1324150	K1324150W70	54	\$ 101.55
28' x 100'	K1328100	K1328100W70	42	\$ 94.78
28' x 150'	K1328150	K1328150W70	63	\$ 142.17
32' x 100'	K1332	K1332100W70	48	\$ 108.32
32' x 150'	K1332150	K1332150W70	72	\$ 162.48
36' x 100'	K1336	K1336100W70	54	\$ 121.86
36' x 150'	K1336150	K1336150W70	81	\$ 182.79
40' x 100'	K1340	K1340150W70	60	\$ 135.40
40' x 150'	K1340150	K1340150W70	90	\$ 203.10
44' x 100'	K1344	K1344100W70	66	\$ 148.94
44' x 150'	K1344150	K1344150W70	99	\$ 223.41
50' x 100'	K1350	K1350100W70	75	\$ 169.25
50' x 150'	K1350150	K1350150W70	113	\$ 253.88

ADDITIONAL SIZES ARE AVAILABLE  
CALL FOR DETAILS & PRICING

# LASCO®



### Crystalite Flat Fiberglass Rolls

Crystalite, the most economical greenhouse panel is ideal in moderate climates, on sidewalls or anywhere that initial cost is a prime consideration. Able to withstand heavy snow and wind, they are also resistant to breakage, hazing, sagging and impacts from hail and vandals.

WHM #	Description	Price
C450	5oz 4' x 50' flat clear fiberglass roll	\$ 340.00



### K50 - 6 mil 4 year - KoolLite Plus

- » Advanced technology allows higher light transmission (84% PAR) plus great daytime heat reduction, typically 10° lower than traditional greenhouse films. Cooler temperatures lengthen summertime photosynthesis activity, reducing crop production time.
- » Special IR additives absorb and re-radiate nighttime infrared heat back down to the crop, saving up to 15% on nighttime heating costs.
- » Reduced water droplet formation - Grower proven longest lasting 2 sided anti-condensate control in the industry.
- » High light diffusion (53% of transmitted light per layer) means uniform plant growth and crop dry down time.
- » Reduces the need for greenhouse shading while providing improved PAR light transmission.

### KoolLite Plus - 6 mil, 4 year Long Life Film

Size	WHM #	Price	Lbs./Roll
16' x 100'	KLP4616	\$ 276.61	48
20' x 100'	KLP4620	\$ 345.76	60
24' x 100'	KLP4624	\$ 414.91	72
28' x 100'	KLP4628	\$ 484.06	84
32' x 100'	KLP4632	\$ 553.22	96
36' x 100'	KLP4636	\$ 622.37	108
40' x 100'	KLP4640	\$ 691.52	120
50' x 100'	KLP4650	\$ 864.40	150

## Ken-Bar

Products For The Grower

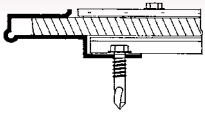


### Eskay - Lite Vinyl Covering

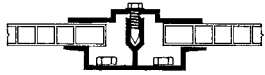
Eskay-Lite is a crystal clear, 16 mil vinyl covering to be used as a greenhouse cover where appearance and visibility are important. Used on the ends and sides, it allows customers to see into the structures. The material is treated to be flexible to -40 degrees F and has a UV inhibitor that gives a 4-year life under most conditions.

WHM #	Description	Price
ESK	54" x 50' Vinyl covering	\$ 163.00
ESK1	54" x 225' Vinyl covering	\$ 575.00

## Aluminum Glazing Components



The **Terminal End Strip** seals the lower end of the sheets and keeps condensation from being drawn up into the panel cells.



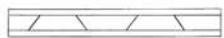
The **Glazing Bar and Cap** are used to fasten the sheets to a new or existing greenhouse.

ATS	Alum. Terminal End Strip - 12'	\$ 24.48
ALBB144	Aluminum Bar Base - 12'	\$ 16.59
ALBC144	Aluminum Bar Cap - 12'	\$ 11.81



## Wire Lock

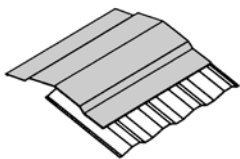
Economical, aluminum poly fastening system.



WLB144 *	12' Aluminum Wire Lock Base	\$ 13.13
AADWL8	8' Aluminum Double Wire Lock Base	\$ 22.68
AADWL12 **	12' Aluminum Double Wire Lock Base	\$ 35.44
WLSSW50	4' Wiggle Wire for Wire Lock Base	\$ 1.58

\* Use 3 Wiggle Wires for each 12' Base

\*\* Use 6 Wiggle Wires for each 12' of Double Base



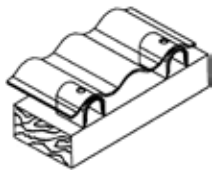
## Metal Ridge Cap

Standard metal ridge cap used over 8 mm structured sheet or corrugated polycarbonate. Comes in 10'3" sections

RDGCAP	Standard Ridge Cap	\$ 67.86
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## Anti-Drip Spacer

Used to raise the bottom of the polycarbonate sheet 1/4" above the purlin support, allowing water to run down the sheet rather than dripping at the purlin line. Sold as each.



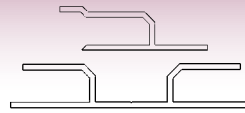
292	Anti Drip Spacer for corrugated	\$ .10 ea
09-6035	Anti Drip Spacer for 8mm sheet	\$ 50.00 per 100



## Woodtite & Tek Screws

Hex head, galvanized steel, self tapping screws with or without rubber backed stainless steel washers.

Please Call with Size Requirements for Availability



## Aluminum 8mm Extrusions

Used to join multiwall structured sheets

ALENDCAP	12' Aluminum 8mm End Cap	\$ 14.33
ALSPLICE	12' Aluminum 8mm Splice	\$ 29.03



## Connecting Polycarbonate Profiles

Join multiwall structured sheets with polycarbonate profiles.

TWEX01	8 - 10 mm U-Profile X 12'	\$ 11.34
TWEX02	8 - 10 mm H-Profile X 24'	\$ 62.06

16 mm Profile is Also Available by Special Order



## AL Star Lock

A great poly fastener for both in gutter and at the base board.

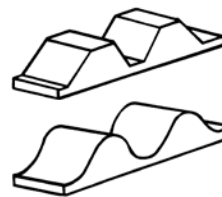
ALSTARLOCK01	Star Lock	\$ 4.11
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## Gable Rafter Trim

Dual sided poly fastener for use on gabled ends and also ideal for roll up sides.

GRT01	Gable Rafter Trim w/ Spline	\$ 7.55
ALGRT	Gable Rafter Trim - no hardware	\$ 5.20



## Horizontal & Vertical Closure Strips

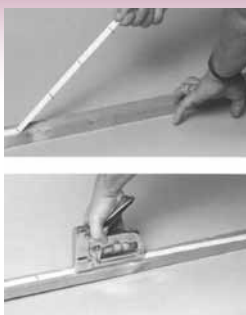
These low density, closed cell, expanded ethylene vinyl acetate (EVA) profiles are excellent for sealing out weather on corrugated or structured sheet greenhouses.

863	40" Vertical Closure Strip	\$ 2.40
864	36" Horizontal Box Profile Closure	\$ 1.25
865	36" Horizontal Wave Profile Closure	\$ 0.70

## Aluminum Sealing Tape & Vent Tape

Aluminum sealing tape is used to cover and seal the top edges of your structured polycarbonate sheets. Aluminum vent tape has holes and a porous membrane for moisture drainage.

ALTAPE	Aluminum Sealing Tape, 1.5" x 150'	\$ 12.90
VTAPE	Aluminum Vent Tape, 1" x 150'	\$ 58.35



### Batten Tape

Provides a quick fastening method for stapling plastic film to wood frames. Just staple every 4" while holding the 3/4" wide x 1/32" thick, white vinyl tape tight. Formulated to withstand UV radiation and extreme cold.

BT500	Batten Tape, 500' roll	\$ 23.75
BT1000	Batten Tape, 1000' roll	\$ 41.67



### Patch Tape

6 mil UV stabilized polyethylene patch tape bonds for up to 2 years to polyethylene and any other smooth surface.

PP02	Clear Poly Patch, 2" x 48'	\$ 7.35
PP04	Clear Poly Patch, 4" x 48'	\$ 15.13
PP06	Clear Poly Patch, 6" x 48'	\$ 22.70
PP10	Clear Poly Patch, 10" x 48'	\$ 37.83
PTC	Clear Poly Tape, 2" x 108'	\$ 19.17
PTW	White Poly Tape, 2" x 108'	\$ 14.98

## Inflation Equipment



WHM #	Description	Price
SNGLSTACK	Single inflation blower kit ~ 60 cfm	\$ 130.00
SNGLSTACK148	Single inflation blower kit ~ 148 CFM	\$ 183.35
DBLSTACKT	Double inflation blower kit ~ 60 CFM	\$ 148.35
DBLSTACKT148	Double inflation blower kit ~ 148 CFM	\$ 205.00
SB60	Schaefer 60 CFM inflation blower	\$ 64.00
SB148	Schaefer 148 CFM inflation blower	\$ 85.00
ITDN7	Dayton 50 CFM Inflation blower	\$ 50.00
1TDP7	Dayton 146 CFM Inflation blower	\$ 64.00
JK	Jumper Kit	\$ 16.15
1426	Two piece mounting bracket	\$ 12.75
1429	Hardware for #1426 mounting bracket	\$ 7.75
1427	Inflation blower deflector ~ Rd./Sq.	\$ 9.45
J4PN0030	Jaderloon blower bracket & deflector ~ Rd.	\$ 20.00
J4PN0035	Jaderloon blower bracket & deflector ~ Sq.	\$ 27.90
4C331	Broan variable speed inflation blower rheostat	\$ 29.00
DM25	Dwyer Mark II Manometer	\$ 49.20

There is no better way to lower greenhouse temperatures during the heat of the day than with **KOOL RAY CLASSIC LIQUID SHADE**. That's because Kool Ray's highly reflective formulas work to divert the heat BEFORE it enters the greenhouse. The result is a greenhouse that's easier to cool producing a less stressful growing environment.



WHM #	Description	Price
999WC	Puttylastic - 1 cartridge	\$ 7.25
91316W1	Kool Ray <i>Classic</i> Liquid Shade - 1 gal	\$ 21.00
91316W5	Kool Ray <i>Classic</i> Liquid Shade - 5 gal	\$ 101.25
741231Q	X-TRA Stick - qt	\$ 10.00
741231G	X-TRA Stick - gal	\$ 31.70



X-TRA STICK is an adhesive that when used with Kool Ray *Classic* Liquid Shade will increase *Classic's* adhesion, wear and overall life. X-TRA STICK is primarily used when shading glass greenhouses. X-TRA STICK can be used for plastic, but caution should be taken because of the possibility of removal problems when used over plastic surfaces.