



Policam
Plastic Sheets



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POLYCARBONATE Sheets

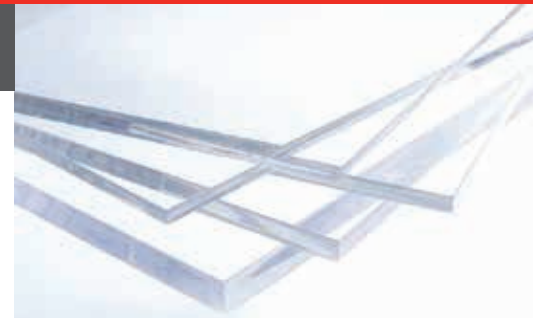
PROPERTIES

- Very high impact resistance
- Up to 88% light transmission (*depends on sheet thickness*)
- B s1 d0
- Outstanding weatherability
- Easy fabrication
- Cutting with a shear (up to 4 mm)
- Excellent resistance to dilute acids and mineral oils
- Optional UV coating on both sides
- Outstanding sound insulation
- IR coating available for max light transmission vs min heat transmission
- UL-94:2017 vertical tested



* Double side UV coating is available in special orders
* Only Clear sheets are available in Houston warehouse
* Opal, diffuser, translucent colors and IR coating available in special orders
* Any different size for your projects available in special orders
* Special orders are delivered from Turkey in 6 to 8 weeks delivery

NOMINAL THICKNESS	THICKNESS	W x L	SKID COUNT
1/16"	0.060"	48" x 96"	160
1/12"	0.080"	48" x 96"	120
1/8"	0.118"	48" x 96"	80
-	0.125"	48" x 96"	75
-	0.157"	48" x 96"	60
3/16"	0.177"	48" x 96"	45
-	0.197"	48" x 96"	45
1/4"	0.220"	48" x 96"	45
-	0.236"	48" x 96"	40
3/8"	0.375"	48" x 96"	25
-	0.394"	48" x 96"	25
1/2"	0.472"	48" x 96"	20
-	0.500"	48" x 96"	20
1/8"	0.118"	72" x 96"	40
-	0.157"	72" x 96"	30
3/16"	0.177"	72" x 96"	40
-	0.197"	72" x 96"	25
1/4"	0.220"	72" x 96"	20
-	0.236"	72" x 96"	20
1/8"	0.118"	80" x 120"	45
-	0.157"	80" x 120"	35
3/16"	0.177"	80" x 120"	30
-	0.197"	80" x 120"	25
1/4"	0.220"	80" x 120"	25
-	0.236"	80" x 120"	23
3/8"	0.394"	80" x 120"	14
1/2"	0.472"	80" x 120"	12



APPLICATIONS

- **Building:** Skydome and skylids
- **Roofing:** Transparent roofing for airports, stadiums, energy saving applications
- **Transparent Indoor Applications:** Separators and decoration
- **Noise Barriers:** On side of roads & highways and public places
- **Lightening:** Safer applications in hospitals, schools, hotels
- **Windows for Transportation Vehicle**
- **Mechanical:** Machine safety panels
- **Safety Applications:** Police shields, security framing

ACRYLIC Sheets

PROPERTIES

- Excellent thermoforming capabilities
- B2 / Class 4 / UL 94 HB fire rated
- 92% light transmission
- Outstanding weatherability
- High impact resistance
- Easily fabricated
- Resistant to inorganic acids
- Suitable for food contact
- Max continuous operating temp. 70°C
- Max intermittent operating temp. 90°C
- Diffusing effects available for LED lightening
- Antiglare effect (P95) for framing



* Only Clear and 7328 Sign White sheets are available in Houston warehouse
* Opal, diffuser, translucent colors and IR coating available in special orders
* Any different size for your projects available in special orders
* Special orders are delivered from Turkey in 6 to 8 weeks delivery

NOMINAL THICKNESS	THICKNESS	W x L	SKID COUNT
1/8"	0.118"	48" x 96"	80
-	0.125"	48" x 96"	75
-	0.157"	48" x 96"	60
3/16"	0.177"	48" x 96"	45
-	0.197"	48" x 96"	45
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-	0.394"	48" x 96"	25
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1/8"	0.118"	80" x 120"	45
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3/8"	0.394"	80" x 120"	14
1/2"	0.472"	80" x 120"	12



APPLICATIONS

- **Architecture & Constructions:** Aquaria/structural panels Cladding
- **Advertising & Visual Communications:** Display POS/POP and advertising, museum casings
- **Interiors & Household Goods:** Appliance parts, gift and tableware
- **Lightening:** LED back and side lightening applications, light diffusing applications
- **Automotive & Transport:** Accesories, coatings, caravan windows, acrylic ship windows, windshields

PET-G Sheets

PROPERTIES

- Very high impact resistance & toughness
- 89% light transmission
- Excellent transparency & clarity
- Superior chemical resistance
- Cost effective
- Easy to fabricate
- Outstanding thermoforming capabilities
- Excellent fire resistance
- Suitable for food contact
- Can be cut with laser and a shear
- Surface scratches can easily be removed
- Max continuous operating temp. 65°C
- Max intermittent operating temp 72°C
- FDA Tested (CFR Title 21 Part 177.1315 Clause B)

NOMINAL THICKNESS	THICKNESS	W x L	SKID COUNT
1/25"	0.040"	48" x 96"	240
1/16"	0.060"	48" x 96"	160
1/12"	0.080"	48" x 96"	120
1/8"	0.118"	48" x 96"	80
	0.125"	48" x 96"	75
-	0.157"	48" x 96"	60
	0.177"	48" x 96"	45
3/16"	0.197"	48" x 96"	45
	0.220"	48" x 96"	45
1/4"	0.236"	48" x 96"	40
	0.375"	48" x 96"	25
3/8"	0.394"	48" x 96"	25
	0.472"	48" x 96"	20
1/2"	0.500"	48" x 96"	20

** Double side UV coating available in special orders*
** Only Clear sheets are available in Houston warehouse*
** Any different size for your projects available in special orders*
** Opal, diffuser and translucent colors available in special orders*
** Special orders are delivered from Turkey in 6 to 8 weeks delivery*



APPLICATIONS

- **Sign & Display:** At hotels, stores, offices
- **Interior Design:** Partitions, furniture
- **Store Fixtures:** Modular & individual solutions
- **Instrument Panel & Display Screens**
- **Vending Machines**
- **Medical:** Infant incubators
- **Safety:** Machine covers, security glazing & visors
- **Municipal Propose:** For roofing material on bus stop

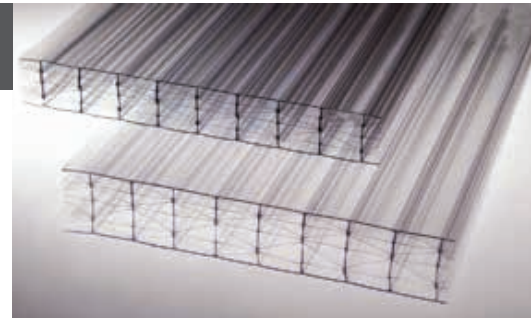
TWINWALL Sheets

PROPERTIES

- Very high impact resistance
- Excellent light transmission
- Excellent thermal insulation
- One/two side UV coating
- B s1 d0
- Outstanding weatherability
- Easy to cut & machine
- Can be formable with cold bending
- Chemical resistant
- Sound insulation
- Light weight
- Hail resistant
- Service temperature 40°C, +120°C
- IR coating available for max light transmission vs min heat transmission
- Optional Anti-fog surface

THICKNESS	W x L	UV COATED	MOQ
6 mm	48" x 144"	One Side	25 sheets
8 mm	48" x 144"	One Side	25 sheets
10 mm	48" x 144"	One Side	40 sheets
16 mm	48" x 144"	One Side	40 sheets
6 mm	48" x 288"	One Side	6,000 lbs per size for special orders
8 mm	48" x 288"	One Side	
10 mm	48" x 288"	One Side	
16 mm	48" x 288"	One Side	

** Only 48" X 144" Clear sheets are available in Houston warehouse*
** Double side UV coating and IR coating available in special orders*
** Opal and translucent colors available in special orders*
** Any different size may be available in special orders*
** Special orders are delivered from Turkey in 6 to 8 weeks*



APPLICATIONS

- **Architectural Projects**
- **Canopies**
- **Vertical Glazing**
- **Indoor Separators and LED Decoration**
- **Curved Roof Lights**
- **Industrial Roof Lights**
- **Signage**
- **Indoor Shopping Center**
- **Greenhouse Coverings**
- **Swimming Pool Coverings**
- **Skylights**
- **Glazing Applications:** Skylights, walkaways, windows, shelters

HIPS Sheets

PROPERTIES

- Cost effective printing
- Outstanding thermoforming characteristics for deep drawn forming
- Good machinability
- Easy to assemble with adhesives or solvents
- High impact strength even in low temperatures
- Higher chemical resistance
- Easy to paint or print on in digital printing or screening
- Available in a wide variety of light colors

THICKNESS	W x L	COLOR	SKID COUNT
0.020"	48" x 96"	White	550
0.030"	48" x 96"	White	350
0.040"	48" x 96"	White	280
0.060"	48" x 96"	White	180
0.080"	48" x 96"	White	150
0.100"	48" x 96"	White	120
0.118"	48" x 96"	White	100
0.020"	50" x 99"	White	550
0.030"	50" x 99"	White	350
0.040"	50" x 99"	White	280
0.060"	50" x 99"	White	180
0.080"	50" x 99"	White	150
0.100"	50" x 99"	White	120
0.118"	50" x 99"	White	100

** Matt/Gloss or Matt/Matt options available*
** Any special size for your projects may be available in special orders*
** Special orders are delivered from Turkey in 6 to 8 weeks delivery*



APPLICATIONS

- **Printing:** Digital printing or silk screen printing
- **Snap Frame**
- **White Goods:** Provide high impact strength, good elongation and heat distortion properties
- **Furniture:** Furniture industry need thermoformable, paintable, impact and chemical resistant
- **Sanitary Ware**
- **Automotive:** At roof and ski boxes, heavy goods vehicle parts and parts of agricultural machines

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Sirius Plastics is a subsidiary of Isik Plastik AS, Turkey