



SALES HANDBOOK PLEXIGLAS®



SECTION A

1.0 Solid Sheets

2.0 Films

3.0 Multi-Skin Sheets

4.0 Corrugated Sheets

5.0 Tubes

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1.0 SOLID SHEETS

PLEXIGLAS® SOLID SHEETS & BLOCKS

PMMA sheets and blocks with unbeatable resistance to UV light and weathering combined with durability. The products are either clear and brilliant or available in a large number of opaque, translucent, transparent and fluorescent colors.





1.1 PLEXIGLAS [®] GS	1.5 PLEXIGLAS® LED
• Clear	• For back lighting
• White	For edge lighting
• Colored	• For side lighting
• Fluorescent	1.6 PLEXIGLAS® Optical
• UV-transmitting	Hard coated
• Information Section	1.7 PLEXIGLAS® Reflections
1.2 PLEXIGLAS® XT	1.8 PLEXIGLAS® Resist
• Clear	Extruded acrylic
• White	1.9 PLEXIGLAS® Satinice
• Colored	Cast acrylic
• UV-transmitting	Extruded acrylic
• UV100	Optimally light diffusing
• Information Section	Information Section
1.3 PLEXIGLAS® Heatstop	1.10 PLEXIGLAS® Solar
1.4 PLEXIGLAS® Hi-Gloss	1.11 PLEXIGLAS® Soundstop
	1.12 PLEXIGLAS® Textures

Clear

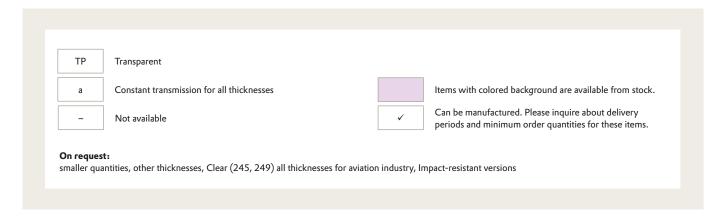
SOLID SHEETS | CAST ACRYLIC



Sheets

Color	Color Number	Transi	mission τ	D65		ber of s				ım					
					2	3	4	5	6	8	10	12	15	20	25
Clear	0F00	TP	92%	а	30	40	30	25	20	15	12	10	8	6	5
Clear UV 100 GS	0A31	TP	92%	а	-	✓	✓	✓	✓	-	-	-	-	-	_
Clear Greater solvent resistance	0Z09	TP	92%	a	-	✓	✓	✓	✓	✓	✓	-	-	-	_





Clear

SOLID SHEETS | CAST ACRYLIC



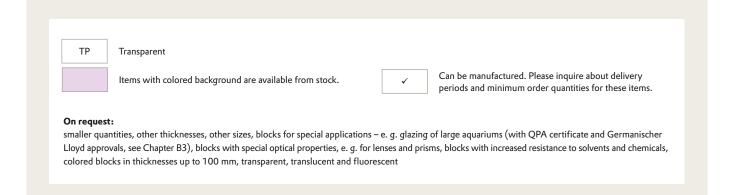
Blocks

Color	Color Number	Transm	ission τ _{D65}	Numb	per of sh	eets per	pallet							
				Thickness in mm, size 3000 × 2000 mm										
				30	35	40	50	60	70	80	90	100	110	120
Clear	0F00	TP	>90%	4	✓	3	2	2	1	1	~	√	✓	✓



30 Year Guarantee - PLEXIGLAS® no yellowing.

Applies to all products listed above.



1.1 PLEXIGLAS® GS White

SOLID SHEETS | CAST ACRYLIC



Sheets

Color	Color Number	Trans	mission τ	D65	Numbe	r of sheets	s per pallet					
					Thickne	ss in mm, si	ze 3050 x 2	030 mm				
					3	4	5	6	8	10	15	20
White	WH10	TL	70%	Ь	40	30	25	✓	✓	12	✓	✓
White	WH17	TL	90%	Ь	40	✓	✓	✓	✓	✓	-	_
White	WH02	TL	44%	Ь	40	30	25	20	15	12	✓	✓
White	WH73	TL	23%	Ь	40	30	25	20	15	√	✓	✓
White	WH01	TL	3%	Ь	40	30	25	20	15	12	√	✓
White	WM03	OP	0%	С	40	✓	✓	✓	✓	✓	✓	✓

TL Translucent	С	Transmission as a function of thickness
OP Opaque		Items with colored background are available from stock.
b Constant transmission for thicknesses of 3–10 mm	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
n request: naller quantities, other colors	_	Not available

Colored

SOLID SHEETS | CAST ACRYLIC



Sheets

Color	Color Number	Color	Transı	mission $ au_l$	D65	Numbe	er of shee	ets per palle	et				
						Thickne	ess in mm,	size 3050 x	2030 mi	m			
						3	4	5	6	8	10	15	20
Yellow	1C33		TP	63%	а	15	✓	✓	✓	✓	✓	-	-
Yellow	1H01		TL	22%	Ь	15	15	15	✓	✓	✓	_	-
Cream	1H02		TL	27%	Ь	15	√	✓	✓	✓	√	_	-
Yellow	1H20		TL	15%	Ь	15	✓	✓	✓	✓	✓	_	-
Orange	2C04		TP	39%	а	15	√	✓	✓	✓	√	_	_
Orange	2H02		TL	6%	Ь	15	✓	✓	✓	✓	✓	_	-
Red	3C01		TP	4%	а	15	√	✓	✓	✓	√	_	_
Red	3H00		TL	11%	Ь	15	✓	✓	✓	✓	✓	-	-
Red	3H01		TL	2%	Ь	15	✓	✓	✓	✓	✓	_	-
Red	3H25		TL	4%	Ь	15	15	15	✓	✓	✓	_	-
Red	3H55		TL	6%	Ь	15	✓	✓	✓	✓	✓	_	-
Red	3H67		TL	3%	Ь	15	15	15	√	✓	✓	-	-

 $The \ colors \ shown \ here \ are \ only \ meant \ as \ a \ guideline. \ Please \ use \ our \ samples \ to \ determine \ the \ right \ color.$

TP	Transparent		Items with colored background are available from stock
а	Constant transmission for all thicknesses	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
-	Not available		

Colored

SOLID SHEETS | CAST ACRYLIC



Sheets

Color	Color Number	Color	Trans	mission $ au_i$	D65	Numbe	er of shee	ts per pall	et				
						Thickne	ess in mm,	size 3050	x 2030 mi	m			
						3	4	5	6	8	10	15	20
Blue	5C01		TP	5%	а	15	✓	✓	✓	✓	✓	-	-
Blue	5C18		TP	64%	а	15	✓	15	9	9	✓	-	-
Blue	5H01		TL	5%	Ь	15	✓	✓	✓	✓	✓	-	-
Blue	5H22		TL	8%	Ь	15	√	✓	✓	✓	✓	-	-
Blue	5H48		TL	11%	Ь	15	✓	✓	✓	✓	√	_	-
Blue	5H51		TL	5%	Ь	15	√	✓	✓	✓	✓	-	-
Green	6C77		TP	69%	а	15	√	15	√	✓	√	_	-
Green	6H01		TL	7%	Ь	15	✓	✓	✓	✓	✓	_	-
Green	6H02		TL	12%	Ь	15	√	✓	✓	✓	√	_	-
Grey	7C14		TP	49%	а	15	15	15	✓	✓	✓	-	-
Umbra	7C22		TP	56%	а	15	15	15	9	9	9	✓	✓
Umbra	7C27		TP	20%	а	15	✓	15	9	9	✓	✓	✓
Grey	7C82		TP	49%	а	15	15	15	9	9	✓	✓	✓
Grey	7C83		TP	21%	a	15	15	15	9	9	9	√	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

TL Translucent

b Constant transmission for thicknesses of 3–10 mm

TP Transparent

ltems with colored background are available from stock.

Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

On request: Smaller quantities, other colors, other thicknesses

SOLID SHEETS | CAST ACRYLIC



Sheets

Color	Color Number	Color	Transi	mission τ _ι	D65			ts per palle , size 3050		m			
						3	4	5	6	8	10	15	20
Grey	7H32		TL	<1%	Ь	15	✓	✓	✓	✓	✓	-	-
Brown	8C01		ТР	16%	а	15	√	15	✓	√	✓	-	-
Black (IR-transmitting)	9C20		ОР	0%	а	15	✓	✓	✓	✓	✓	-	-
Black	9H01		ОР	0%	Ь	15	15	15	9	9	9	5	3*

The colors shown here are only meant as a guideline. Please use our samples to determine the right color. $*3000 \times 2000 \, \text{mm}$

Sheets

Other colors	Numl	per of sh	eets per	pallet		
	Thick	ness in m	m, size 3	050 x 20	30 mm	
	3	4	5	6	8	10
No development necessary	45	45	45	45	45	45

TP	Transparent		Items with colored background are available from stock
OP	Opaque	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
a	Constant transmission for all thicknesses	_	Not available

Fluorescent (former PLEXIGLAS® Fluorescent)

SOLID SHEETS | CAST ACRYLIC



Sheets

Color	Color Number	Color	Transmi	ission τ_{D65}		Numb	er of sh	eets per	pallet		
						Thick	ness in n	nm, size 3	3050 x 20	30 mm	
						3	4	5	6	8	10
Orang	e 2C01		TP	61%	a	15	✓	✓	✓	✓	✓
Red	3C02		TP	27%	а	15	√	✓	✓	✓	✓
Red	3C50		TP	86%	a	✓	✓	✓	✓	✓	✓
Blue	5C50		TP	85%	а	15	✓	✓	✓	✓	✓
Green	6C02		TP	89%	а	15	√	✓	✓	✓	✓

 $The \ colors \ shown \ here \ are \ only \ meant \ as \ a \ guideline. \ Please \ use \ our \ samples \ to \ determine \ the \ right \ color.$

TP	Transparent		Items with colored background are available from stock
a	Constant transmission for all thicknesses	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

UV-transmitting (former PLEXIGLAS® SUNACTIVE)

SOLID SHEETS | CAST ACRYLIC



Sheets

Color	Color Number	Transm	nission $ au_{ extsf{D}}$	65	Numb	er of shee	ts per pallo	et	
					3	4	5	6	8
Smooth surface									
Clear	2458	TP	92%	а	✓	✓	✓	✓	✓
One matte surface									
Clear	2458SC	TP	92%	a	✓	✓	✓	✓	✓

TP Transparent	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
a Constant transmission for all thicknesses	
Properties: UV-transmitting	
On request:	
 2458 3120 × 2120 mm; Thickness 3–8 mm 2500 × 2050 mm; Thickness 3–8 mm 	
2458 SC • 2500 × 2050 mm; Thickness 3–8 mm	
Smaller quantities	

Reference: Application: Tanning bed canopies

Information Section

SOLID SHEETS | CLEAR, WHITE AND COLORED



PLEXIGLAS® GS clear

The figures given for light transmission are typical values that apply to all thicknesses.

The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

The material conforms to ISO 7823-1 and is UV-absorbing.

We supply cut-to-size sheets from size 100×25 mm (sheet) or 350×200 mm (block). Slight deviations from the ordered quantity are possible.

Special grades are made to order. The entire batch or a multiple thereof is delivered.

The delivered quantity may be less than ordered. We will be pleased to state minimum order quantities on request. Please state the required net number of sheets in your order.

PLEXIGLAS® GS white

The light transmission is given as a typical value for 3 mm thickness. It is measured according to test standard DIN 5036, Part 3.

The values may vary depending on the type of measuring equipment used.

The material conforms to ISO 7823-1 and is largely UV-absorbing; partially UV-transmitting in some grades at smaller thicknesses.

We supply cut-to-size sheets from size 100×25 mm. Slight deviations from the ordered quantity are possible.

The color may vary slightly from batch to batch.

The reverse side of translucent or opaque colored solid sheets may be slightly different from the controlled serviceside, which is marked with the grade.

Translucent and opaque (pigmented) grades may show slightly different bonding behavior on their top surface and on the reverse. It is recommended to perform prior tests.

Special grades are made to order. The entire batch or a multiple thereof is delivered.

Delivered quantity may be less than ordered. We will be pleased to state minimum order quantities on request. Please state the required net number of sheets in your order.

PLEXIGLAS® GS colored and fluorescent

The light transmission is given as a typical value for 3 mm thickness. It is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

The material conforms to ISO 7823-1 and is largely UVabsorbing; partially UV-transmitting in some grades at smaller thicknesses.

We supply cut-to-size sheets from size 100×25 mm. Slight deviations from the ordered quantity are possible. The color may vary slightly from batch to batch.

The reverse side of translucent or opaque colored solid sheets may be slightly different from the controlled service side, which is marked with the grade.

Translucent and opaque (pigmented) grades may show slightly different bonding behavior on their top surface and on the reverse. It is recommended to perform prior tests.

Special grades are made to order. The entire batch or a multiple thereof is delivered. Delivered quantity may be less than ordered.

We will be pleased to state minimum order quantities on request. Please state the required net number of sheets in your order.

Clear

SOLID SHEETS | EXTRUDED ACRYLIC



Sheets

Color	Color Number	Trans	smission	ι τ _{D65}	Numl	per of sh	ieets pei	pallet								
					Thick	ness in m	m, size 3	050 x 20	50 mm							
					1,5	2	3	4	5	6	8	10	12	15	20	25
Clear	0A000	TP	92%	а	80	60	40	30	25	20	15	12	10	8	6	5



30 Year Guarantee - PLEXIGLAS® no yellowing.

Applies to all products listed above.

TP Transparent

a Constant transmission for all thicknesses

On request:

Smaller quantities

hard coated on both sides

Excess widths

Special lengths

- Minimum quantity in 2050 mm extrusion width is 600 kg per length

Untrimmed sheets (with extrusion edge)

- sheet width at least 2090 mm in extrusion width 2050 mm
- minimum order quantity 2 t per thickness



Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.



Items with colored background are available from stock.

Other thicknesses in extrusion width 2050 mm $\,$

- \leq 6 mm: minimum order quantity 5 t per thickness
- $\, \cdot \, > 6$ to 25 mm: minimum order quantity 10 t per thickness

HQ (High Quality)

- higher optical quality (suitable for metallizing)
- thicknesses 2–3 mm in extrusion width 2050 mm
- minimum quantity 10 t and 5 t per thickness

Cut-to-size sheets

- possible from size 100 mm \times 25 mm
- Slight deviations from ordered quantity are possible

Reference: For further details see information section
Please take note of the statement in the information section on delivery of greater/smaller number of items manufactured to order!

SOLID SHEETS | EXTRUDED ACRYLIC



Sheets

olor	Color Number	Transm	ission τ _{D65}		Number of sheets per pallet							
					Thickness in mm, size 3050 x 2050 mm							
					2	3	4	5	6	8	10	
White	WN670	TL	78%	с	60	40	30	✓	✓	✓	✓	
White	WN370	TL	44%	С	~	40	✓	✓	✓	√	✓	
White	WN770	TL	45%	С	60	40	30	25	√	✓	✓	
White (will expire)	WN070	TL	30%	С	60	40	30	25	✓	✓	✓	
White (successor of WN070)	WN071	TL	30%	С	60	40	30	25	✓	✓	✓	
White	WN970	TL	24%	С	✓	40	30	✓	✓	✓	✓	
White	WN297	TL	3%	С	✓	40	✓	25	✓	✓	✓	

TL Translucent Transmission as a function of thickness On request:

Smaller quantities

Special lengths

• Minimum quantity in 2050 mm extrusion width is 600 kg per length

Untrimmed sheets (with extrusion edge)

- sheet width at least 2090 mm in extrusion width 2050 mm
- minimum order quantity $2\,t$ per thickness

Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

Items with colored background are available from stock.

Other thicknesses in extrusion width 2050 mm

• 2 to 10 mm: minimum order quantity 5 t per thickness

Other white grades

- 2 to 10 mm: minimum order quantity 10 t per grade and 5 t per thickness

Cut-to-size sheets

- usually possible from size 100 mm \times 25 mm
- slight deviations from ordered quantity are possible.

Reference: For further details see information section Please take note of the statement in the information section on delivery of greater/smaller number of items manufactured to order!

Colored

SOLID SHEETS | EXTRUDED ACRYLIC



Sheets

Color	Color Number	Color	Trans	mission $ au$	D65	Numbe	er of sheet	s per palle	t			
						Thickness in mm, size 3050 x 2050 mm						
						2	3	4	5	6	8	10
Yellow	1N870		TL	22%	С	✓	15	✓	✓	✓	✓	✓
Yellow	1N270		TL	17%	С	✓	15	✓	✓	✓	✓	✓
Orange	2N170		TL	6%	С	√	15	✓	✓	✓	✓	✓
Red	3N570		TL	2%	С	✓	15	✓	✓	✓	✓	✓
Red	3N670		TL	2%	С	✓	15	✓	✓	✓	✓	✓
Blue	5N870		TL	5%	С	✓	15	✓	✓	✓	✓	✓
Blue	5N370		TL	7%	С	√	15	✓	✓	✓	✓	✓
Green	6N570		TL	19%	С	~	15	✓	✓	✓	✓	✓
Brown	8A570		TP	14%	С	~	15	✓	✓	✓	✓	✓
Grey	7A670		TP	71%	С	~	15	✓	✓	✓	✓	✓
Black	9N870		ОР	0%	С	60	40	✓	25	√	15	12

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

ΤP Transparent Transmission as a function of thickness c Can be manufactured. Please inquire about delivery TL Translucent periods and minimum order quantities for these items. OP Opaque Items with colored background are available from stock. Other thicknesses in extrusion width 2050 mm On request: • 2 to 10 mm: minimum order quantity 5 t per thickness Smaller quantities Special lengths Other colors • 2 to 10 mm: minimum order quantity 10 t per grade • Minimum quantity in 2050 mm extrusion width is 600 kg and 5 t per thickness per length Untrimmed sheets (with extrusion edge) **Cut-to-size sheets** • sheet width at least 2090 mm in extrusion width 2050 mm • usually possible from size 100 mm × 25 mm • minimum order quantity 2 t per thickness • Slight deviations from ordered quantity are possible

Reference: Please take note of the statement in the information section on delivery of greater/smaller number of items manufactured to order!

1.2 PLEXIGLAS® XT UV-transmitting (former PLEXIGLAS SUNACTIVE®)

SOLID SHEETS | EXTRUDED ACRYLIC



Sheets

Color	Color Number	Transm	ission τ _{D65}				ets per pa		m	
					2	3	4	5	6	8
For tanning bed canopies										
Clear	0A770	TP	92%	а	✓	✓	-	-	_	_
For architectural glazing										
Clear	0A370	TP	92%	а	-	-	✓	✓	✓	✓

The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

TP	Transparent	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
а	Constant transmission for all thicknesses	_	Not available
n reque	st:		

Reference: The entire batch is delivered; quantities of up to $\pm -10\%$ over or under the order may be supplied.

UV 100 (former PLEXIGLAS Gallery®)

SOLID SHEETS | ACRYLIC FOR MAXIMUM UV PROTECTION, EXTRUDED



Sheets

Color	Color Number	Transmission τ_{D6S}				Number of sheets per pallet Thickness in mm, size 3050 x 2050 mm					
					1,5	2	3	4	5	6	
Clear UV 100	0A570	TP	92%	а	✓	✓	40	✓	✓	✓	
Clear UV 100 AR (non-glare)	0A570 AR	TP	92%	a	80	60	40	✓	✓	✓	

The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.



30 Year Guarantee - PLEXIGLAS® no yellowing.

Applies to all products listed above.

TP Transparent

а

Constant transmission for all thicknesses

Items with colored background are available from stock.

Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

On request:

Cut sizes

- generally possible from 100 mm \times 25 mm
- minor deviations from the order quantity possible

Smaller quantities

Sheets hard coated on one side see PLEXIGLAS® Optical

Special lengths for UV 100 and UV 100 AR

• Minimum quantity in 2050 mm extrusion width is 600 kg per length

Untrimmed sheets UV 100 and UV 100 AR (with extrusion edge)

- sheet width at least 2090 mm, in extrusion width 2050 mm
- minimum order quantity 2 t per thickness

Other thicknesses

for UV 100 and UV 100 AR: 1.5 to 6 mm Minimum quantity 5 t per thickness (at thicknesses of 4 mm or greater, the AR's surface is less defined)

Reference: PLEXIGLAS° UV 100 is an extremely weather-resistant and transparent extruded sheet material with the highest UV-protection.

Information Section

SOLID SHEETS | CLEAR, WHITE AND COLORED



PLEXIGLAS® XT clear

The figures given for light transmission are typical values that apply to all thicknesses. The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

The material conforms to ISO 7823-2, is transparent, UV-absorbing (partially UV-transmitting at less than approx. 5 mm thickness), with two smooth, high-gloss surfaces.

Special grades are made to order. The entire batch is delivered; quantities of up to \pm 0 % over or under the order may be supplied.

PLEXIGLAS® XT white

The light transmission is given as a typical value for 3 mm thickness; sheets become more opaque with increasing thickness. The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

All grades conform to ISO 7823-2.

Special grades are made to order. The entire batch is delivered; quantities of up to ± -10 % over or under the order may be supplied.

Both surfaces are smooth and glossy, but degree of gloss different on reverse side due to pigment distribution.

The color may vary slightly from batch to batch. The reverse side of solid translucent or opaque colored sheets may differ slightly from the controlled service side, which is marked with the grade.

Translucent grades are light-diffusing and largely UV-absorbing; some grades are partially UV-transmitting in small thicknesses.

Opaque grades are UV-absorbing.

PLEXIGLAS® XT colored

The light transmission is given as a typical value for 3 mm thickness; sheets become more opaque with increasing thickness. The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

All grades conform to ISO 7823-2.

Special grades are made to order. The entire batch is delivered; quantities of up to ± -10 % over or under the order may be supplied.

Both surfaces are smooth and glossy, but degree of gloss different on reverse side due to pigment distribution.

The color may vary slightly from batch to batch. The reverse side of solid translucent or opaque colored sheets may differ slightly from the controlled service side, which is marked with the grade.

Translucent grades are light-diffusing and largely UV-absorbing; some grades are partially UV-transmitting in small thicknesses.

Translucent and opaque grades are UV-absorbing.

1.3 PLEXIGLAS® HEATSTOP (former PLEXIGLAS HEATSTOP® XT)

SOLID SHEETS | EXTRUDED ACRYLIC FOR HEAT PROTECTION



Sheets

Color	Color Number	Transmis	ssion τ _{D65}			Number of sheets per pallet Thickness in mm, size 3050 x 2050 mm						
					2	3	4	5	6	8		
Opal	WZ001	TL	45%	Ь	✓	40	√	✓	✓	✓		

The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

TL	Translucent	Items with colored background are	available from stock.
Ь	Constant transmission for all thicknesses von 3–10 mm	Can be manufactured. Please inqui periods and minimum order quanti	
n reques	t:		
pecial len	gths	Other thicknesses in extrusion width 2050 mm	
	linimum quantity in 2050 mm extrusion width is 600 kg er length	• 2 to 8 mm: minimum order quantity 5 t pe	r thickness
	.	Smaller quantities	
Intrimme	d sheets (with extrusion edge)		
	neet width at least 2090 mm in extrusion width 2050 mm inimum order quantity 2 t per thickness		

1.4 PLEXIGLAS® Hi-Gloss

SOLID SHEETS | EXTRUDED ACRYLIC



Sheets

Color	Color Number	Color	Number of sheets per pallet							
			Thickne	ess in mm, si	ze 3050 x 2	2050 mm				
			2	3	4	5	6			
White	WM596 C1		✓	40	✓	✓	20			
Latte	1M595 C1		✓	✓	✓	✓	✓			
Lemon	1M800 C1		✓	✓	✓	✓	20			
Red	3M571 C1		✓	√	✓	✓	20			
Ocean	5M800 C1		✓	✓	✓	✓	20			
Pistachio	6M530 C1		✓	√	✓	✓	20			
Silver-White	7M501 C1		✓	✓	✓	✓	20			
Anthracite	7M896 C1		✓	✓	✓	✓	20			
Taupe	8M503 C1		✓	✓	✓	✓	✓			
Black	9M871 C1		✓	✓	✓	√	20			

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.



Items with colored background are available from stock.



Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

On request:

Smaller quantities

Special lengths

- Minimum quantity in 2050 mm extrusion width is 600 kg per length

Other thicknesses in extrusion width 2050 mm

• minimum order quantity 5 t per thickness

Other color

• minimum quantity 10 t per grade and 5 t per thickness

Cut-to-size sheets

- usually possible from size 100 mm × 25 mm
- Slight deviations from ordered quantity are possible

Reference: PLEXIGLAS® Hi-Gloss C1 grades have a colored acrylic layer on one side and a clear-transparent PLEXIGLAS® core. This grade of acrylic sheet is obtained by a coextrusion process that permanently fuses up to three independent melt streams of high-quality PLEXIGLAS® providing a high gloss surface with an incomparable deep-view color effect.

1.5 PLEXIGLAS® LED For back lighting (former PLEXIGLAS truLED®)

SOLID SHEETS | CAST ACRYLIC, LED-OPTIMIZED



Sheets

Color	Color Number	Color	Transm	ission τ _{D65}	;	Numb	er of she	ets per pa	allet		
						Thickn	ess in mm	, size 305	0 x 2030	mm	
						3	4	5	6	8	10
White	WH72		TL	31%	Ь	15	15	15	✓	✓	✓
White	WH14		TL	47%	Ь	15	√	15	✓	✓	✓
Yellow	1H74		TL	26%	Ь	15	✓	✓	✓	✓	✓
Orange	2H41		TL	9%	Ь	15	√	✓	✓	✓	✓
Red	3H68		TL	7%	Ь	15	√	✓	✓	✓	✓
Blue	5H60		TL	7%	Ь	15	✓	√	✓	✓	✓
Green	6H18		TL	19%	b	15	√	√	✓	✓	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

Blocs for routed letters

Color	Color Number	Color	Transm	iission τ _{D65}		Number of shee	0 mm	
						15	20	30*
White	WM51		TL	22%	С	5	3	4
White	WH51		TL	22%	а	5	3	-

The colors shown here are only meant as a guideline. Please use our samples to determine the right color. *3000 x 2000 mm

TL	Translucent	Items with colored background are available from
a	Constant transmission for all thicknesses von 3–10 mm	Can be manufactured. Please inquire about deliver periods and minimum order quantities for these ite
Ь	Constant transmission for thicknesses of 3–10 mm	– Not available
С	transmission as a function of thickness	
ח רפתוופ	st: Smaller quantities	Other colors

1.5 PLEXIGLAS® LED For back lighting (former PLEXIGLAS® Dual Color)

SOLID SHEETS | COLOR CHANGING



Sheets

Color	Color Number	Color	Trans	mission 1	^T D65	Numb	per of she	ets per p	allet		
						Thick	ness in mn	n, size 305	50 x 2030	mm	
						3	4	5	6	8	10
Black & White II Black & White Effekt (white in transmitted light, black in incident light)	9H04 SC		TL	18%	b	15	√	✓	✓	✓	✓
Black & White I Black & White Effekt (white in transmitted light, black in incident light)	7H25		TL	13%	b	15	√	✓	✓	✓	✓
Grey & White Black & White Effekt (white in transmitted light, grey in incident light)	7H01SC		TL	21%	Ь	√	✓	√	√	√	✓

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

TL	Translucent	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
Ь	Constant transmission for thicknesses of 3–10 mm		
	Items with colored background are available from stock.		
On reque	st:		
Smaller q	uantities		

1.5 PLEXIGLAS® LED For back lighting

SOLID SHEETS | LED LUMINAIRES, OPTIMIZED, COEXTRUDED



Sheets

Color	Color Number					er of shee	ts per pal	llet			
					Thickn	ess in mm,	size 3050	x 2050 m	m		
					2	3	4	5	6	8	10
Clear	0M200 SC	TL	72%	b	~	40	✓	✓	✓	√	✓

TL Translucent	Items with colored background are available from stock.
b Constant transmission for thicknesses of 3–10 mm	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
On request:	
Smaller quantities	Other thicknesses in extrusion width 2050 mm
	• 2 to 10 mm: minimum order quantity 5 t per thickness
Special lengths	
 Minimum quantity in 2050 mm extrusion width is 600 kg 	Other colors
per length	• 2 to 10 mm: minimum quantity 10 t per grade and 5 t per thickness
Untrimmed sheets (with extrusion edge)	Cut-to-size sheets
 sheet width at least 2090 mm in extrusion width 2050 mm 	 usually possible from size 100 mm × 25 mm
minimum order quantity 2 t per thickness	Slight deviations from ordered quantity are possible

1.5 PLEXIGLAS® LEDFor edge lighting (former PLEXIGLAS® EndLighten T)

SOLID SHEETS | LIGHT GUIDING, CLEAR, EXTRUDED



Sheets

Color	Color Number	Transm	ission τ _{D65}	Num	per of she	ets per p	allet				
				Thick	ness in mm	n, size 305	50 x 2050	mm			
				3	4	5	6	8	10	12	15
PLEXIGLAS® LE Extruded acrylic											
Clear	0E010 SM	TP	92%	~	30	✓	✓	✓	✓	✓	✓
Clear	0E011 L	TP	92%	~	✓	✓	20	15	✓	√	✓
Clear	0E012 XL	TP	92%	~	✓	✓	✓	15	12	√	✓
Clear	0E013 XXL	TP	92%	~	✓	✓	✓	√	12	✓	✓
PLEXIGLAS® LE extruded, hard c	ED HC coated (will be discontinue	d)									
Clear	0E011 HC	TP	92%	~	✓	✓	20	✓	✓	-	-
Clear	0E012 HC	TP	92%	✓	✓	✓	✓	15	✓	_	_

The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

TP Transparent Items with colored background are available from stock.	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items. Not available
On request:	Smaller quantities
Other thicknesses	Untrimmed sheets (with extrusion edge) • sheet width at least 2090 mm in extrusion width 2050 mm
Special lengths	 sneet width at least 2000 mm in extrusion width 2000 mm minimum order quantity 2 t per thickness
Minimum quantity in 2050 mm extrusion width is 600 kg perlength	

1.5 PLEXIGLAS® LED For side lighting

SOLID SHEETS | CAST ACRYLIC



Sheets

Color	Color Number	Transmi	ssion $ au_{D65}$		Numb	nber of sheets per pallet					
					Thickn	ess in mm,	size 3050	x 2030 mi	m		
					3	4	5	6	8	10	
White	WH46 SC	TP	40%	b	15	✓	15	✓	✓	✓	

TP	Transparent		Items with colored background are available from stock.
Ь	Constant transmission for thicknesses of 3–10 mm	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
n reque	est:		
-	quantities		

1.6 PLEXIGLAS® Optical Hard coated

SOLID SHEETS | EXTRUDED ACRYLIC



Sheets

Color	Color Number	Transmi	ssion τ _{D65}		Numb	er of shee	ts per palle	et		
					Thickn	ess in mm,	size 3050 x	2050 mm	ı	
					2	3	4	5	6	8
Clear	0A570 HC	TP	92%	a	60	40	-	-	-	-
Clear	0A000HC	TP	92%	a	-	-	30	25	20	15

The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

	7					
TP	Transparent	Items with colored background are available from stock				
a	Constant transmission for all thicknesses	– Not available				
On reque	st:	Special lengths up to 6 m in extrusion width 2050 mm • Minimum quantity in 2050 mm extrusion width is 600 kg per l				
Smaller q	uantities					
		Other grades with hard coating				

Reference: The one-side surface treatment of PLEXIGLAS® Optical hard coated (HC) offers excellent resistance to abrasion and chemicals.

Both grades are hard coated on one side

1.7 PLEXIGLAS® Reflections (former PLEXIGLAS® Mirror)

SOLID SHEETS | MIRROR, EXTRUDED ACRYLIC



Sheets

*Hard coating on one side

Color	Color Number	Transmission TD65	Number of sheets per pallet Thickness in mm, size 3050 x 2050 mm				
			2	3	4		
JV-absorbing rear surface metallized and provide	ed with protective coating						
Silver	0Z025	0%	30	30	✓		

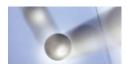
Can be manufactured. Please inquire about delivery Items with colored background are available from stock. periods and minimum order quantities for these items. On request: Other colors Smaller quantities Other sizes more suitable for cutting to size

Reference: PLEXIGLAS® Reflections are extruded polymethyl methacrylate (PMMA) sheets, with a one-side reflective mirror surface coating. An opaque back paint protects the coating. PLEXIGLAS® Reflections is also available with a one-side hard coat surface.

1.8 PLEXIGLAS® Resist

Extruded acrylic (former PLEXIGLAS RESIST®)

SOLID SHEETS | IMPACT RESISTANT, EXTRUDED ACRYLIC



Sheets

Type/ Color	Color Number	Transmi	Transmission TD65			mber of sheets per pallet					
					2	3	4	5	6	8	10
-45 / Clear	0RA45	TP	91%	а	60	40	30	25	20	✓	✓
-65 / Clear	0RA65	TP	91%	a	✓	40	30	25	✓	✓	✓
-75 / Clear	0RA75	TP	91%	a	60	40	30	25	20	15	✓
-65 / White	WRN65	TL	32%	С	√	40	30	25	✓	_	_

The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.



30 Year Guarantee – PLEXIGLAS® no yellowing. Applies to the following products:

PLEXIGLAS® Resist – Extruded acrylic Clear, all types

TL	Translucent		Items with colored background are available from stock.
TP	Transparent	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
а	Constant transmission for all thicknesses	_	Not available
С	Mission as a function of thickness		

On request:

Special lengths

- Minimum quantity in 2050 mm extrusion width is 600 kg per length

Untrimmed sheets (with extrusion edge)

- Sheet width at least 2090 mm in extrusion width 2050 mm
- Minimum order quantity 2 t per thickness

Other thicknesses in extrusion width 2050 mm

- 2–6 mm standard White: minimum order quantity 5 t per thickness
- 2–10 mm Clear: minimum order quantity 5 t per thickness

Other colors (Colored und White)

- 2–6 mm (TL /OP-colors and White): minimum order quantity 10 t per grade and 5 t per thickness
- 2 –10 mm (TP-color): minimum order quantity 10 t per grade and 10 t per thickness

Other degrees of impact strength

- 2–6 mm standard White: minimum order quantity 5 t per grade and 5 t per thickness
- 2-6 mm (TL /OP-colors and White): minimum order quantity 10 t per grade and 5 t per thickness
- 2–10 mm Clear: minimum order quantity 5 t per thickness
- 2–10 mm (TP-color): minimum order quantity 10 t per grade and 5 t per thickness

Cut-to-size sheets

- Usually possible from size 100 mm \times 25 mm
- Slight deviations from ordered quantity are possible

1.9 PLEXIGLAS® Satinice Cast acrylic (former PLEXIGLAS SATINICE®)

SOLID SHEETS | LIGHT DIFFUSING, CAST ACRYLIC



Sheets

Color	Color Number	Color	Trans	mission ⁻	T _{D65}	Num	ber of	sheets p	per pall	et			
						Thick	ness in	mm, size	3050	c 2030 i	mm		3000 x 2000 mm
						3	4	5	6	8	10	15	20
One satin surfac	e												
Crystal	0F00 SC		TP	92%	а	15	15	15	9	9	9	-	-
Coconut	WH02 SC		TL	44%	Ь	15	✓	15	✓	✓	✓	-	-
Black Panther	9H01 SC		ОР	0%	Ь	15	✓	✓	✓	✓	✓	-	-
Two satin surfac	ces												
Crystal	0F00 DC		TP	92%	а	15	15	15	9	9	9	5	3
Coconut	WH02 DC		TL	44%	Ь	✓	✓	✓	9	✓	9	✓	✓
Snow	WH10 DC		TL	70%	Ь	15	15	15	9	9	9	5	3
Sunshine	1H17 DC		TL	41%	Ь	√	✓	✓	9	✓	✓	-	-
Orange	2C02 DC		TP	54%	а	√	✓	✓	9	✓	✓	-	-
Mandarin	2H08 DC		TL	39%	Ь	√	✓	✓	9	√	✓	-	-
Cherry	3C01 DC		TP	4%	а	√	✓	✓	9	✓	✓	-	-
Strawberry	3C04 DC		TP	21%	а	√	✓	✓	9	√	✓	_	_

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.



PLEXIGLAS® Satinice – cast acrylic, one satin surface: Crystal PLEXIGLAS® Satinice – cast acrylic, two satin surfaces: Crystal

TP	Transparent		Constant transmission for all thicknesses		Not available
IP	Transparent	а	Constant transmission for all thicknesses	_	Not available
TL	Translucent	Ь	Constant transmission for thicknesses of 3–10 mm		Items with colored background are
ОР	Opaque	✓	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.		available from stock
On reques	t:		Other colors		

1.9 PLEXIGLAS® Satinice Cast acrylic (former PLEXIGLAS SATINICE®)

SOLID SHEETS | LIGHT DIFFUSING, CAST ACRYLIC



Sheets

Color	Color Number	Color	Transı	mission $ au_{D}$	65	Nun	nber of	sheets	per pa	llet			
						Thic	kness in	ımm, si	ze 3050	0x2030) mm		3000x2000 mm
						3	4	5	6	8	10	15	20
Two satin surfac	es												
Lollipop	4H12 DC		TL	49%	Ь	✓	✓	✓	✓	✓	✓	-	-
Sky Blue	5C01 DC		TP	5%	а	✓	✓	✓	9	✓	✓	-	_
Laguna	5H74 DC		TL	45%	Ь	~	✓	✓	9	✓	✓	-	-
Ice Green	6C03 DC		TP	90%	а	~	✓	✓	9	✓	✓	-	-
Kiwi	6H07 DC		TL	47%	Ь	✓	✓	✓	9	✓	✓	-	-
Grass	6H55 DC		TL	46%	Ь	✓	✓	✓	9	✓	✓	-	-
Carbon	7C17 DC		TP	2%	а	✓	✓	✓	9	✓	✓	-	-
Asfalto	7H08 DC		TL	6%	Ь	✓	✓	✓	✓	✓	✓	-	-
Тегга	8C01 DC		TP	16%	а	✓	✓	✓	9	✓	✓	-	-
Graphit	9H02 DC		TL	1%	Ь	✓	✓	✓	9	✓	✓	_	-
TREND COLORS	S 2015												
Indian Summer	3C13 DC		TP	13%	а	~	✓	✓	9	✓	✓	-	_
TREND COLORS	5 2016												
Melon Red	3H04 DC		TL	52%	Ь	~	✓	✓	9	✓	✓	-	-
Ice Blue	5H03 DC		TL	61%	Ь	✓	✓	✓	9	✓	✓	-	-
TREND COLORS	5 2018					1							I
Plum	4H01 DC		TL	41%	Ь	~	✓	✓	9	✓	✓	-	-

Ь Constant transmission for thicknesses of 3-10 mm TP Transparent Items with colored background are available from stock. TL Translucent Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items. Constant transmission for all thicknesses а Not available On request: Smaller quantities Other colors

The colors shown here are only meant as a guideline. Please use our samples to determine the right color.

1.9 PLEXIGLAS® Satinice

Extruded acrylic

SOLID SHEETS | LIGHT DIFFUSING, COEXTRUDED ACRYLIC



Sheets

Color	Color Number	Transmi	ission τ _{D65}	Number of sheets per pallet						
				Thickness	s in mm, size	3050 x 205	0 mm			
				2	3	4	5	6	8	10
One satin surface										
Crystal	0M033 SC	TP	92%	✓	40	✓	✓	✓	✓	✓
Snow	WM513 SC	TL	70%	✓	40	✓	✓	✓	✓	✓
Black Panther	9M805 SC	ОР	0%	✓	✓	✓	✓	✓	✓	✓
Two satin surface	s									
Crystal	0M033 DC	TP	92%	✓	✓	✓	✓	✓	✓	✓
Snow	WM513 DC	TL	70%	✓	40	✓	✓	✓	✓	✓



30 Year Guarantee - PLEXIGLAS® no yellowing. Applies to the following products:

PLEXIGLAS® Satinice – extruded acrylic, one satin surface: Crystal $\begin{tabular}{ll} \textbf{PLEXIGLAS}^* \textbf{ Satinice} - \textbf{extruded acrylic, two satin surfaces: Crystal} \\ \end{tabular}$

ОР	Opaque		
TL	Translucent	Items with colored background are available from sto	ck.
ТР	Transparent	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these item:	ŝ.

Smaller quantities

Special lengths

• Minimum quantity in 2050 mm extrusion width is 600 kg per length

Untrimmed sheets (with extrusion edge)

- Sheet width at least 2090 mm in extrusion width 2050 mm
- Minimum order quantity 2 t per thickness

• 2 to 10 mm: minimum order quantity 5 t per thickness

Other colors

+ 2 to 10 mm: minimum quantity 10 t per grade and 5 t per thickness

Cut-to-size sheets

- generally possible from size 100 mm \times 25 mm
- slight deviations from ordered quantity are possible

1.9 PLEXIGLAS® Satinice Optimally light diffusing (former PLEXIGLAS® Satin Ice)

SOLID SHEETS | EXTRUDED ACRYLIC



Sheets

Color	Color Number	Transmission τ_{D65}			Number of sheets per pallet					
						mm, size 3050 x		_		
					2	3	4	5	6	
Clear	0D010 DF	TL	83%	С	✓	20	✓	✓	✓	

TL	Translucent	· ·	tured. Please inquire about delivery mum order quantities for these items.
С	Mission as a function of thickness	Items with colore	ed background are available from stock.
On reque	st:	Other thicknesses in extrusion	width 2050 mm
Smaller q	uantities	• 2 to 6 mm: minimum quant	tity 5 t per thickness
Special le • Mini	ngths mum quantity in 2050 mm extrusion width is 600 kg per length	Other colors • 2 to 6 mm: minimum quant	tity 10 t per grade and 5 t per thickness
		Cut-to-size sheets	

Untrimmed sheets (with extrusion edge)

- Sheet width at least 2090 mm in extrusion width 2050 mm
- Minimum order quantity 2 t per thickness

- generally possible from size 100 mm \times 25 mm

- slight deviations from ordered quantity are possible

1.9 PLEXIGLAS® Satinice

Information Section (former PLEXIGLAS SATINICE® resp. PLEXIGLAS® Satin Ice)

SOLID SHEETS



PLEXIGLAS® Satinice – cast acrylic

The light transmission is given as a typical value for 3 mm thickness. Measurement is performed with the textured side facing the light source. If the textured side is turned away from the light source, the transmittance may be slightly lower due to the texture. Exact values cannot be measured for technical reasons.

The material conforms to ISO 7823-1 and is largely UV-absorbing; partially UV-transmitting in some grades at smaller thicknesses.

We supply cut-to-size sheets from size 100×25 mm. Slight deviations from ordered quantity are possible. The color may vary slightly from batch to batch.

The reverse side of translucent or opaquely colored solid sheets may differ slightly from the controlled service side that is marked with the grade.

Translucent and opaque (pigmented) grades may show slightly different bonding behavior on their top surface and on the reverse. It is recommended to perform prior tests.

Special grades are made to order. The entire batch or a multiple thereof is delivered.

The delivered quantity may be more than ordered.

Please state the net number of sheets required in your order. We will be pleased to state delivery periods, prices and other conditions on request.

PLEXIGLAS® Satinice – extruded acrylic

The light transmission is given as a typical value for 3 mm thickness.

It is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used.

The material conforms to ISO 7823-2 and is largely UV-absorbing; partially UV-transmitting in some grades at smaller thicknesses.

The reverse side of translucent or opaquely colored solid sheets may differ slightly from the controlled service side that is marked with the grade.

Special grades are made to order. The entire batch is delivered, quantities of up to ± -10 % over or under the order may be supplied.

Please state the net number of sheets required in your order. We will be pleased to state delivery periods, prices and other conditions on request.

1.10 PLEXIGLAS® Solar

SOLID SHEETS



Sheets

Color	Color Number	Transmis	ssion $ au_{D65}$		Number of sheets per	Number of sheets per pallet				
					Thickness in mm, size 30	050 x 2050 mm				
					3	4	5			
Clear	0Z023	TP	92%	а	~	✓	✓			

TP a	Transparent Constant transmission for all thicknesses	Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.
On request:		Other sizes
	knesses	

Reference:

Applications:

- cover for light-weight solar thermal energy and photovoltaic modules
- semi-finished material for hot embossing of radial and linear Fresnel lenses, e. g. for concentrating photovoltaics

PLEXIGLAS® Solar 0Z023 is an extruded acrylic sheet material (polymethyl methacrylate, PMMA) that is highly weather-resistant and transparent.

1.11 PLEXIGLAS® Soundstop (former PLEXIGLAS SOUNDSTOP®)

SOLID SHEETS | WIND AND NOISE BARRIER



Properties

- sound-reflecting, break-resistant, highly transparent
- extruded or cast transparent grades
- cast non-transparent grade
- in Clear, seven transparent and five non-transparent colors
- available with embedded polyamide threads for sliver
- available with integrated bird-deterrent markings
- · various functional surfaces available
- meet the requirements of ZTV-Lsw 06 (German regulations for noise barriers along roads), EN 1793 and 1794

Physical forms

solid sheets in 15, 20 and 25 mm (transparent elements) or 12 mm thickness (non-transparent elements)

On request: Quantities for the extruded version

Special sizes

1.12 PLEXIGLAS® Textures (former PLEXIGLAS® Textured)

SOLID SHEETS | TEXTURED EXTRUDED ACRYLIC



Sheets

Decor	Color Number	Color	Transmission τ_{D65}			Size in mm	Number of sheets per pallet				
							3	4	5	6	8
Clear Honeycomb	0A000 W		TP	92%	С	2500 × 1650	40	✓	✓	✓	✓
Clear Honeycomb	0A000 W		TP	92%	С	2050 × 1650	30	✓	✓	✓	✓
Clear Pearl	0A000 P		TP	92%	С	2050 × 1650	30	✓	✓	✓	✓
Clear Pyramid	0A000 Z		TP	92%	С	2050 × 1650	30	✓	✓	✓	✓
Clear Ribbed	0A000 R		TP	92%	С	2050 × 1650	30	✓	✓	✓	✓
Clear Raindrop/Pinspot	0A000 TK		TP	92%	С	3050 × 2050	20	✓	✓	✓	✓
Clear Ice Crystal	0A000 E		TP	92%	С	3050 × 2050	20	20	√	10	✓
Brown Ice Crystal	8A470 E	**************************************	TP	62%	С	3050 × 2050	~	✓	√	10	√
Clear Bark	0A000 B		TP	92%	С	3050 × 1650	✓	25	✓	20	✓
Clear Crimp	0A000 CL		TP	92%	С	3050 × 1650	~	✓	✓	20	✓

The light transmission is given as a typical value for 3 mm thickness. Measurement is performed with the textured side facing the light source. If the textured side is turned away from the light source, the transmittance may be slightly lower due to the texture. Exact values cannot be measured for technical reasons. The light transmission is measured according to test standard DIN 5036, Part 3. The values may vary depending on the type of measuring equipment used. All grades conform to ISO 7823-2, are Light-diffusing, UV-absorbing, (slightly UV-transmitting at less than 3 mm thickness)



Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

Items with colored background are available from stock.

On request:

Smaller quantities

Other lengths from 1200 to 7500 mm

• Minimum quantity 600 kg per length

Untrimmed sheets (with extrusion edge)

• Minimum quantity 2 t per thickness

Other thicknesses from 3 to 8 mm

• Minimum order quantity 2 t per thickness

Other colors

• minimum quantity 5 t per grade and 2 t per thickness

Other properties, e. g. impact strength

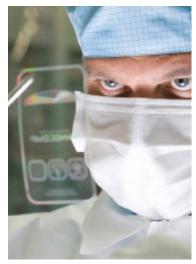
- minimum quantity 5 t per grade and 2 t per thickness

2.0 FILMS

PLEXIGLAS® FILMS

PLEXIGLAS® FILMS OFFER A HIGH LEVEL OF FUNCTIONALITY AND ARE SPECIFICALLY DESIGNED TO THE REQUIREMENTS OF SPECIFIC MARKETS AND APPLICATIONS. WE KEEP IMPROVING OUR PRODUCTS IN COLLABORATION WITH OUR CUSTOMERS AND INCORPORATE NEW SOLUTIONS.

PLEXIGLAS® Films consist of polymethyl methacrylate (PMMA) and contain varying degrees of UV absorbers. They are weatherproof, UV-absorbent, scratch resistant completely transparent, easy to form and to print.





2.1 PLEXIGLAS® Resist

A LARGE RANGE OF PLEXIGLAS® RESIST FILMS IS AVAILABLE FOR THE FOLLOWING APPLICATIONS:

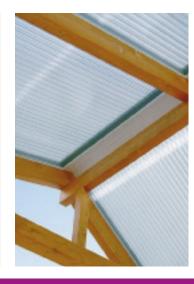
- Decorative surfaces
- · Electronic displays
- Glass fiber-reinforced polyester sheets
- High pressure laminates
- · Medical diagnostics
- PVC lamination
- TCM traffic signs, traffic control systems
- Labels

PLEASE CONTACT US.

3.0 MULTI-SKIN SHEETS

PLEXIGLAS® MULTI-SKIN SHEETS

PLEXIGLAS® multi-skin sheets are guaranteed weather-resistant, easy to install, heat-protective, hail-resistant, high light transmitting, tough, isolating - in and arround the house.





3.1 PLEXIGLAS® Alltop

(former PLEXIGLAS ALLTOP®)

3.2 PLEXIGLAS® Heatstop

(former PLEXIGLAS HEATSTOP®)

3.3 PLEXIGLAS® Resist

(former PLEXIGLAS RESIST®)

3.1 PLEXIGLAS® Alltop

(former PLEXIGLAS ALLTOP®)

MULTI-SKIN SHEETS | ALL AROUND WATER-DISPERSING, HIGHEST LIGHT-TRANSMISSION



Sheets

Color	Color Number	Color	NO DROP	Thick- ness (mm)	Web spacing (mm)	Width (mm)	Trans- mission T _{D65}	Numb	oer of sh	eets pe	r pallet ((Length i	n mm)		
SDP								2000	2500	3000	3500	4000	5000	6000	7000
	,		•	16	64	980	91%	√	√	✓	45	45	35	30	30
Clear	29080		•	16	64	1200	91%	✓	✓	✓	✓	35	30	25	✓



30 Year Guarantee – PLEXIGLAS® no yellowing. Applies to all products listed above.



Items with colored background are available from stock from March until October.

✓

Can be manufactured. Please inquire about delivery 40 periods and minimum order quantities for these items.

On request:

Other colors

Other lengths from 1000 mm and 10 sheets per length

Additionally supplied in SDP 16/1053-64

Minimum order quantities 2 tons

Reference:

- In Alltop grade, the reliably water-dispersing NO DROP coating is applied to both surfaces and inside the cavities.
- The open ends of all sheets over 2000 mm long are closed by means of an adheasive PE Tape.
- PLEXIGLAS® multi-skin sheets less than 2000 mm long are supplied without end closure, but the stack
 of sheets on the pallet is packaged with dust-tight material.

3.2 PLEXIGLAS® Heatstop

(former PLEXIGLAS HEATSTOP®)

MULTI-SKIN SHEETS | HEAT REFLECTING, EXTRUDED ACRYLIC



Sheets

Color Number	Color	AAA	NO DROP	Thick- ness (mm)	Web spacing (mm)	Width (mm)	Trans- mission T _{D65}	Num	ber of sl	neets pe	r pallet	(Length	in mm)		
								2000	2500	3000	3500	4000	5000	6000	7000
6															
W/7020	1/2	•		16	64	980	20%	✓	✓	✓	✓	45	35	30	30
WZ030		•		16	64	1200	20%	✓	✓	✓	✓	35	30	25	25
WZ009	A		•	32	32	1230	18%	✓	✓	20	✓	20	20	20	20
	6 WZ030	6 WZ030	Number Color AAA	Number Color AAA DROP 6 WZ030 •	6 VZ030 AAA NO ness DROP (mm)	6 WZ030 Color AAA NO ness pacing (mm) • 16 64 • 16 64	6 WZ030 AAA NO ness pacing (mm) 16 64 980 16 64 1200	Color Number Color AAA NO ness spacing (mm) width (mm) T _{D65} WZ030 • 16 64 980 20% • 16 64 1200 20%	Color Number Color AAA NO ness spacing (mm) width (mm) T _{D65} Num 2000 WZ030 • 16 64 980 20% ✓ • 16 64 1200 20% ✓	Color Number Color AAA NO ness spacing (mm) width mission T _{D65} Number of sl	Color Number Color AAA NO ness spacing (mm) spacing (mm) Tobbs Number of sheets per 2000 2500 3000 6 WZ030 • 16 64 980 20% ✓ ✓ ✓ ✓ ✓	Color Number Color AAA NO DROP (mm) spacing (mm) wission T _{D65} Number of sheets per pallet 2000 2500 3000 3500 6 WZ030 16 64 980 20% ✓ ✓ ✓ ✓ ✓ ✓ ✓	Color Number Color AAA NO DROP (mm) spacing (mm) width (mm) T _{D65} Number of sheets per pallet (Length 2000 2500 3000 3500 4000 6	Color Number Color AAA NO DROP (mm) spacing (mm) wission Toos Number of sheets per pallet (Length in mm) 2000 2500 3000 3500 4000 5000 8 WZ030 • 16 64 980 20%	Color Number Color AAA NO DROP (mm) spacing (mm) spacing (mm) spacing (mm) Tobbs Number of sheets per pallet (Length in mm) Tobbs Number of sheets per pallet (Length in mm) 4000 6000 6000 6000 6000 6000 6000 600

items with colored background are available from stock from March until October.

✓

can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

On request: Other lengths from 1000 mm and 10 sheets per length

Other colors Minimum order quantities 2 tons

Reference:

- The open ends of all sheets over 2000 mm long are closed by means of an adheasive PE Tape.
- PLEXIGLAS® multi-skin sheets less than 2000 mm long are supplied without end closure, but the stack of sheets on the pallet is packaged with dust-tight material.
- The color may vary slightly from batch to batch.

AntiAlgaeApplication (AAA)

The AAA coating, based on advanced nanotechnology, is a further development of the successful NO DROP coating, which has proven its worth over many years. It is directly applied to the sheet in an additional process during production. Due to the coating, algae, mosses, pollen, and other forms of soiling lose the ability to adhere to the sheet, and may even be immediately and completely decomposed, by the action of natural UV radiation from the sun. In combination with the well-known NO DROP effect, the next rainfall can almost completely rinse away the residues of the decomposed soiling.

NO DROP coating

This coating applied to one side causes rainwater or condensation to form a film and flow off evenly. If the NO DROP surface is installed facing inwards, the formation of water droplets is suppressed. When installed facing outwards, the sheets are more easily cleaned by the rain. The coated side is marked at the edge and on the protective masking.

· Heatstop® Cool Blue Effect

PLEXIGLAS® Heatstop Cool Blue multi-skin sheet uses a special technology for effectively reducing solar heat radiation. This effect is reinforced by a specially chosen color that people associate with pleasant temperatures, thus enhancing their well-being. The Heatstop Cool Blue coating gives the sheets an attractive golden surface sheen. Viewed from below, they have a pleasantly cool bluish tinge, as befits their function, with an iridescent effect. The color impression may vary depending on viewing angle and lighting conditions.

3.3 PLEXIGLAS® Resist

(former PLEXIGLAS RESIST®)

MULTI-SKIN SHEETS | IMPACT RESISTANT, EXTRUDED ACRYLIC



Sheets

Color	Color Number	Color	AAA	Thick- ness (mm)	Web spacing (mm)	Width (mm)	Trans- mission T _{D65}	Numb	er of sh	eets per	pallet (l	∟ength in	mm)		
								2000	2500	3000	3500	4000	5000	6000	7000
SDP 1	6	~													
			•	16	64	980	86%	45	45	45	45	45	35	30	30
Clear	0RS30		•	16	64	1200	86%	45	45	40	35	35	30	25	25
D:"	005000		•	16	64	980	85%	✓	✓	✓	✓	45	35	30	✓
Diffuse	0RS09D		•	16	64	1200	85%	✓	✓	✓	✓	35	✓	25	✓
			•	16	64	980	74%	√	✓	45	45	45	35	30	30
White	WRS30		•	16	64	1200	74%	√	✓	40	35	35	30	25	25
		177	•	16	64	980	45%	√	✓	✓	✓	✓	√	✓	✓
Grey	7RS30		•	16	64	1200	45%	✓	✓	✓	✓	✓	✓	✓	✓



30 Year Guarantee – PLEXIGLAS® no yellowing. Applies to the following products:

PLEXIGLAS® Resist SDP 16

Clear 0RS30 and Diffuse 0RS09D



items with colored background are available from stock from March until October.



can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

On request:
Other colors

Other lengths from 1000 mm and 10 sheets per length

Minimum order quantities 2 tons

Reference:

AntiAlgaeApplication (AAA)

The AAA coating, based on advanced nanotechnology, is a further development of the successful NO DROP coating, which has proven its worth over many years. It is directly applied to the sheet in an additional process during production. Due to the coating, algae mosses, pollen, and other forms of soiling lose the ability to adhere to the sheet, and may even be immediately and completely decomposed, by the action of natural UV radiation from the sun. In combination with the well-known NO DROP effect, the next rainfall can almost completely rinse away the residues of the decomposed soiling.

- The open ends of all sheets over 2000 mm long are closed by means of an adheasive PE Tape.
- PLEXIGLAS® multi-skin sheets less than 2000 mm long are supplied without end closure, but the stack of sheets on the pallet is packaged with dust-tight material.

3.3 PLEXIGLAS® Resist

(former PLEXIGLAS RESIST®)

MULTI-SKIN SHEETS | IMPACT RESISTANT, EXTRUDED ACRYLIC



Sheets

Color	Color Number	Color	NO DROP	Thick- ness (mm)	Web spacing (mm)	Width (mm)	Trans- mission τ _{D65}	Numb	er of sh	eets per	pallet (l	∟ength in	mm)		
								2000	2500	3000	3500	4000	5000	6000	7000
S5P															
Clear	00721		•	32	32	1230	68%	√	√	√	√	20	20	20	20
White	WRS19	1		32	32	1230	45%	√	✓	✓	✓	20	20	20	20
Grey	7RS01		•	32	32	1230	41%	✓	✓	✓	✓	✓	✓	✓	✓



30 Year Guarantee – PLEXIGLAS® no yellowing. Applies to the following products:

PLEXIGLAS® Resist S5P

Clear 00721

Items with colored background are available from stock from March until October.

✓

Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

On request:

Other colors

Other lengths from 1000 mm and 10 sheets per length

Minimum order quantities 2 tons

Reference:

NO DROP coating

This coating applied to one side causes rainwater or condensation to form a film and flow off evenly. If the NO DROP surface is installed facing inwards, the formation of water droplets is suppressed. When installed facing outwards, the sheets are more easily cleaned by the rain. The coated side is marked at the edge and on the protective masking.

- The open ends of all sheets over 2000 mm long are closed by means of an adheasive PE Tape.
- PLEXIGLAS® multi-skin sheets less than 2000 mm long are supplied without end closure, but the stack of sheets on the pallet is packaged with dust-tight material.

4.0 CORRUGATED SHEETS

PLEXIGLAS® CORRUGATED SHEETS

PLEXIGLAS® WP corrugated sheets are extruded from impact-modified acrylic (polymethyl methacrylate, PMMA) – tough, easy to machine, easy to install, flexural strength and weather resistance guaranteed.





4.1 PLEXIGLAS® Heatstop

(former PLEXIGLAS HEATSTOP®)

4.2 PLEXIGLAS® Resist

(former PLEXIGLAS RESIST® and PLEXIGLAS® BASIC)

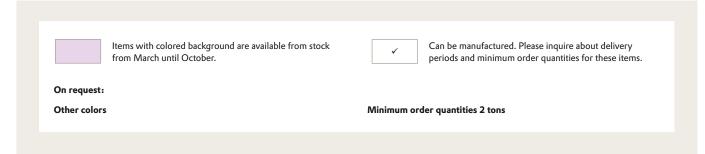
4.1 PLEXIGLAS® Heatstop

(former PLEXIGLAS HEATSTOP®)

CORRUGATED SHEETS | HEAT REFLECTING, EXTRUDED ACRYLIC



Color	Color Number	Color	Width	Trans- mission	Numb	er of sh	eets per ion of wa	pallet	l := ==)			
	Number		(mm)	τ_{D65}	(lengt	n [airect	ion or wa	iter flow	in mm)			
					2000	2500	3000	3500	4000	5000	6000	7000
PLEXIGLAȘ° H	eatstop											
WP 76/18/3												



Reference:

- Lengths of more than 4 m are storage lengths, not installation lengths!
- The color may vary slightly from batch to batch.
- Heatstop Effect and Color

PLEXIGLAS® Heatstop Cool Blue WP 76/18 sheets use a special technology for effectively reducing solar heat radiation. This effect is reinforced by a specially chosen color that people associate with pleasant temperatures, thus enhancing their well-being. The Heatstop Cool Blue coating gives the sheets an attractive golden surface sheen. Viewed from below, they have a pleasantly cool bluish tinge, as befits their function. This color has an iridescent effect. The color impression may vary depending on the viewing angle and lighting conditions. In addition to these benefits, the Heatstop Cool Blue coating makes it possible to achieve interesting design and lighting effects in many applications.

4.2 PLEXIGLAS® Resist (former PLEXIGLAS RESIST® and PLEXIGLAS® BASIC)

CORRUGATED SHEETS | IMPACT RESISTANT, EXTRUDED ACRYLIC



Sheets

Color	Color Number	Color	Width (mm)	Trans- mission T _{D65}	Numb (lengt	er of sho h [direct	eets per ion of wa	pallet iter flow] in mm)			
					2000	2500	3000	3500	4000	5000	6000	7000
PLEXIGLAS WP 76/18/												
Clear	0A001 Smooth		1045	up to 92%	60	60	60	50	40	30	30	✓
Clear	0A001 W		1045	up to 92%	60	60	60	50	40	30	30	✓
Clear	0A001 C		1045	up to 92%	√	✓	✓	✓	✓	✓	30	✓
Grey	7RW01 Smooth		1045	45%	✓	✓	✓	✓	✓	✓	✓	✓
Grey	7RW01 W	111111111111111111111111111111111111111	1045	45%	✓	✓	✓	✓	✓	✓	✓	✓
Grey	7RW01 C		1045	45%	✓	✓	✓	✓	✓	✓	✓	✓
Brown	8A001 W		1045	55%	60	60	60	50	40	30	30	✓
Brown	8A003 C		1045	75%	✓	✓	✓	✓	✓	✓	30	✓
PLEXIGLA: WP and TP												
Clear	0R005 Smooth		1045	up to 92%	100	100	100	-	50	✓	√	✓
Clear	0R005 C		1045	up to 92%	✓	✓	✓	-	✓	✓	✓	✓

Items with colored background are available from stock Can be manufactured. Please inquire about delivery from March until October. periods and minimum order quantities for these items. not available On request: Other colors Other lengths from 10 sheets



30 Year Guarantee - PLEXIGLAS® no yellowing.

Applies to the following products:

PLEXIGLAS® Resist WP 76/18/3

Clear 0A001 Smooth/W/C

PLEXIGLAS® Resist WP 177/51/3 and TP 76/18/1,8

Clear 0R005 Smooth/C

Reference:

• Lengths of more than 4 m are storage lengths, not installation lengths!

4.2 PLEXIGLAS® Resist (former PLEXIGLAS RESIST*)

CORRUGATED SHEETS | IMPACT RESISTANT, EXTRUDED ACRYLIC



Sheets

Color	Color Number	Color	Width (mm)	Transmission τ_{D6S}			eets pe rion of w	r pallet ater flov	v] in mm)				
					2000	2500	3000	3100	3300	3500	4000	5000	6000	7000
PLEXIGL WP 130/	AS° Resist 30/3													
Clear	0A001 Smooth		1000	up to 92%	√	✓	√	√	√	✓	✓	✓	✓	✓
Clear	0A001 W		1000	up to 92%	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
PLEXIGL WP 177/	AS° Resist 51/3													
Clear	0A001 Smooth		920	up to 92%	√	50	✓	✓	✓	✓	√	√	✓	✓
Clear	0A001 W		920	up to 92%	√	✓	✓	✓	✓	✓	✓	✓	✓	✓
ckness app	rox. 3 mm													



30 Year Guarantee - PLEXIGLAS® no yellowing. Applies to the following products:

PLEXIGLAS® Resist WP 130/30/3

Clear 0A001 Smooth/W

PLEXIGLAS® Resist WP 177/51/3

Clear 0A001 Smooth/W

Can be manufactured. Please inquire about delivery periods and minimum order quantities for these items.

Items with colored background are available from stock from March until October.

On request:

Other colors

Other lengths from 10 sheets

Hinweis:

• Lengths of more than 4 m are storage lengths, not installation lengths!

5.0 TUBES

PLEXIGLAS® TUBES

PLEXIGLAS® tubes are ideally suitable for architectural interior and exterior lighting, contemporary furniture, luxury brand merchandizing, store fixtures, P.O.P and trade show displays, industrial pneumatic delivery and conveying systems and decorative architectural features.





5.1 PLEXIGLAS® XT

- Clear
- White

5.2 PLEXIGLAS® Satinice

(former PLEXIGLAS Satin Ice)

5.3 PLEXIGLAS® Special programme

5.1 PLEXIGLAS® XT

Clear

TUBES | EXTRUDED ACRYLIC



Tubes - Clear 0A070

Other Inner Polimeter Diameter Walkiles Mickness Length 2000 2000 2000 5 3* 1 0.015 ±0.3 ±0.20 ±0/+5 50 250 250 2500 6.5 4* 1.25 0.022 ±0.3 ±0.20 ±0/+5 50 250 250 2500 7 5* 1 0.022 ±0.3 ±0.20 ±0/+5 50 250 250 250 8 4* 1.25 0.045 ±0.3 ±0.30 ±0/+5 25 125 2000 10 7 1.5 0.048 ±0.3 ±0.25 ±0/+5 25 125 2000 10 10 0.041 ±0.3 ±0.25 ±0/+5 25 125 1200 200 12 12 0.052 ±0.3 ±0.25 ±0/+5 25 125 1800 12 13 0.064 ±0.3 ±0.25 ±0/+5	Diameto in mm	er	Wall thick- ness in mm	Weight at nom.dim. kg/m	Tolerance in	mm		Quantity delivered. Units per small pack (lenght in mm)	Quantity delivered. Units per standard pack (lenght in mm)	Quantity delivered. Units per large pack (lenght in mm)
6 3.5* 1.25 0.022 ±0.3 ±0.20 ±0/+5 50 250 2500 6.5 4* 1.25 0.025 ±0.3 ±0.20 ±0/+5 50 250 2500 7 5* 1 0.022 ±0.3 ±0.20 ±0/+5 50 250 2500 8 4* 2 0.045 ±0.3 ±0.30 ±0/+5 25 125 2000 10 7 1.5 0.048 ±0.3 ±0.20 ±0/+5 25 125 2000 10 6 2 0.060 ±0.3 ±0.25 ±0/+5 25 125 2000 10 10 10 10 1.5 0.041 ±0.3 ±0.20 ±0/+5 25 125 125 1800 11 10 1.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 125 1800 11 10 1.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 125 1800 11 10 1.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 125 1800 11 10 1.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 1500 11 10 1.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 1500 11 10 1.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 1500 11 10 2.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 1500 11 10 2.5 0.017 ±0.3 ±0.20 ±0/+5 25 125 1500 11 10 2.5 0.117 ±0.3 ±0.30 ±0/+5 25 125 1500 11 10 2.5 0.117 ±0.3 ±0.30 ±0/+5 25 125 1500 11 10 2.5 0.117 ±0.3 ±0.30 ±0/+5 25 125 1500 11 10 2.5 0.117 ±0.3 ±0.30 ±0/+5 25 125 1500 11 10 2.5 0.117 ±0.3 ±0.20 ±0/+5 25 125 1500 11 10 2.5 0.117 ±0.3 ±0.20 ±0/+5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.20 ±0/+5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.20 ±0/+5 5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.20 ±0/+5 5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 125 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 1300 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 25 3000 11 10 2.5 0.117 ±0.3 ±0.25 ±0/+5 5 25 25 3000	Outer	Inner					Length	2000	2000	2000
6.5	5	3*	1	0.015	±0.3	±0.20	±0/+5	50	250	2500
The color of the	6	3.5*	1.25	0.022	±0.3	±0.20	±0/+5	50	250	2500
8 4* 2 0.045 ±0.3 ±0.30 ±0/+5 25 125 2000 10 7 1.5 0.048 ±0.3 ±0.20 ±0/+5 25 125 2000 12 10* 1 0.041 ±0.3 ±0.25 ±0/+5 25 125 1800 13 10 1.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 1800 13 10 1.5 0.064 ±0.3 ±0.25 ±0/+5 25 125 1800 14 1 0.064 ±0.3 ±0.25 ±0/+5 25 125 1800 15 11 0.064 ±0.3 ±0.25 ±0/+5 25 125 1500 15 11 2 0.082 ±0.3 ±0.25 ±0/+5 25 125 1500 16 12 2 0.017 ±0.3 ±0.25 ±0/+5 25 125 1500 20 18	6.5	4*	1.25	0.025	±0.3	±0.20	±0/+5	50	250	2500
Table Tabl	7	5*	1	0.022	±0.3	±0.20	±0/+5	50	250	2500
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	8	4*	2	0.045	±0.3	±0.30	±0/+5	25	125	2000
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	10	7	1.5	0.048	±0.3	±0.20	±0/+5	25	125	2000
12	10	6	2	0.060	±0.3	±0.25	±0/+5	25	125	2000
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	12	10*	1	0.041	±0.3	±0.20	±0/+5	25	125	1800
13	12	8	2	0.075	±0.3	±0.25	±0/+5	25	125	1800
9 2 0.082 ±0.3 ±0.25 ±0/+5 25 125 1500 13* 1 0.052 ±0.3 ±0.20 ±0/+5 25 125 1500 11 2 0.097 ±0.3 ±0.25 ±0/+5 25 125 1500 10 2.5 0.117 ±0.3 ±0.30 ±0/+5 25 125 1500 16 12 2 0.105 ±0.3 ±0.25 ±0/+5 25 125 1500 18* 1 0.071 ±0.3 ±0.20 ±0/+5 5 25 1300 16 2 0.135 ±0.3 ±0.25 ±0/+5 5 25 1300 14 3 0.191 ±0.3 ±0.30 ±0/+5 5 25 1300 25 19 3 0.247 ±0.3 ±0.25 ±0/+5 5 25 1300 26 2 0.209 ±0.5 ±0.30 ±0/+5 5 25 500 27 4 3 0.303 ±0.5 ±0.30 ±0/+5 5 25 500 28 29 4 0.389 ±0.5 ±0.35 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 5 25 500 20 20 20 20 20 20 20	12	10	1.5	0.064	±0.3	±0.25	±0/+5	25	125	1500
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	13	9	2	0.082	±0.3	±0.25	±0/+5	25	125	1500
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		13*	1	0.052	±0.3	±0.20	±0/+5	25	125	1500
16	15	11	2	0.097	±0.3	±0.25	±0/+5	25	125	1500
		10	2.5	0.117	±0.3	±0.30	±0/+5	25	125	1500
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	16	12	2	0.105	±0.3	±0.25	±0/+5	25	125	1500
$\begin{array}{c ccccccccccccccccccccccccccccccccccc$		18*	1	0.071	±0.3	±0.20	±0/+5	5	25	1300
25 $\frac{21}{19} \begin{array}{c ccccccccccccccccccccccccccccccccccc$	20	16	2	0.135	±0.3	±0.25	±0/+5	5	25	1300
25 19 3 0.247 ±0.3 ±0.30 ±0/+5 5 25 1300 30 26 2 0.209 ±0.5 ±0.25 ±0/+5 5 25 500 24 3 0.303 ±0.5 ±0.30 ±0/+5 5 25 500 22 4 0.389 ±0.5 ±0.35 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500		14	3	0.191	±0.3	±0.30	±0/+5	5	25	1300
$ \begin{array}{c ccccccccccccccccccccccccccccccccccc$	25	21	2	0.172	±0.3	±0.25	±0/+5	5	25	1300
24 3 0.303 ±0.5 ±0.30 ±0/+5 5 25 500 22 4 0.389 ±0.5 ±0.35 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500		19	3	0.247	±0.3	±0.30	±0/+5	5	25	1300
22 4 0.389 ±0.5 ±0.35 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500		26	2	0.209	±0.5	±0.25	±0/+5	5	25	500
22 4 0.389 ±0.5 ±0.35 ±0/+5 5 25 500 20 5 0.467 ±0.5 ±0.40 ±0/+5 5 25 500	30	24	3	0.303	±0.5	±0.30	±0/+5	5	25	500
, ,	30	22	4	0.389	±0.5	±0.35	±0/+5	5	25	500
38 32 3 0.392 ±0.5 ±0.30 ±0/+5 5 25 300		20	5	0.467	±0.5	±0.40	±0/+5	5	25	500
	38	32	3	0.392	±0.5	±0.30	±0/+5	5	25	300

transparent, both sides glossy, UV-transmitting

^{*} Special lengths are only available from November until March.





items with colored background are available from stock

5.1 PLEXIGLAS® XT

Clear

TUBES | EXTRUDED ACRYLIC



Tubes - Clear 0A070

Diamete in mm	er	Wall thickness in mm	Weight at nom.dim. kg/m	Tolerance in	mm		Quantity delivered. Units per small pack (lenght in mm)	Quantity delivered. Units per standard pack (lenght in mm)	Quantity delivered. Units per large pack (lenght in mm)
Outer	Inner			Outer Diameter	Wall thickness	Length	2000	2000	2000
	36	2	0.284	±0.5	±0.25	±0/+5	5	25	300
40	34	3	0.415	±0.5	±0.30	±0/+5	5	25	300
40	32	4	0.538	±0.5	±0.35	±0/+5	5	25	300
	30	5	0.654	±0.5	±0.40	±0/+5	5	25	300
	46	2	0.359	±0.5	±0.25	±0/+5	2	10	210
	44	3	0.527	±0.5	±0.30	±0/+5	2	10	210
50	42	4	0.688	±0.5	±0.35	±0/+5	2	10	210
	40	5	0.841	±0.5	±0.40	±0/+5	2	10	210
	56	2	0.433	±0.6	±0.25	±0/+5	2	10	140
	54	3	0.639	±0.6	±0.35	±0/+5	2	10	140
60	52	4	0.837	±0.6	±0.35	±0/+5	2	10	140
	50	5	1.028	±0.6	±0.40	±0/+5	2	10	140
	64	3	0.751	±0.7	±0.35	±0/+5	2	10	100
70	62	4	0.986	±0.7	±0.40	±0/+5	2	10	100
	60	5	1.214	±0.7	±0.40	±0/+5	2	10	100
	70	3	0.863	±0.8	±0.35	±0/+5	2	10	80
80	72	4	1.136	±0.8	±0.40	±0/+5	2	10	80
	74	5	1.401	±0.8	±0.45	±0/+5	2	10	80
	84	3	0.975	±0.9	±0.35	±0/+5	7	33	_
90	80	5	1.588	±0.9	±0.45	±0/+5	7	33	_
	94	3	1.087	±1.0	±0.35	±0/+5	6	30	_
100	92	4	1.435	±1.0	±0.40	±0/+5	6	30	_
	90	5	1.775	±1.0	±0.45	±0/+5	6	30	-
110	104	3	1.199	±1.1	±0.35	±0/+5	6	27	_
110	100	5	1.962	±1.1	±0.45	±0/+5	6	27	_
120	114	3	1.312	±1.2	±0.35	±0/+5	5	24	_
120	110	5	2.149	±1.2	±0.45	±0/+5	5	24	_
133	127	3	1.457	±1.3	±0.35	±0/+5	4	24	-
133	123	5	2.391	±1.3	±0.50	±0/+5	4	24	-

 $transparent,\ both\ sides\ glossy,\ UV-transmitting$

30 Jahre	30 Year Guarantee – PLEXIGLAS® no yellowing.
PLEXIGLASE	Applies to all products listed above.

items with colored background are available from stock

not available

5.1 PLEXIGLAS® XT

TUBES | EXTRUDED ACRYLIC



Tubes - Clear 0A070

Diamete in mm	nom dim		thick- nom.dim. Tolerance in mm		Quantity delivered. Units per small pack (lenght in mm)	Quantity delivered. Units per standard pack (lenght in mm)	Quantity delivered. Units per large pack (lenght in mm)		
Outer	Inner			Outer Diameter	Wall thickness	Length	2000	2000	2000
	144	3	1.648	±1.5	±0.40	±0/+5	4	21	-
150	142	4	2.182	±1.5	±0.45	±0/+5	4	21	-
	140	5	2.709	±1.5	±0.50	±0/+5	4	21	-
180	172	4	2.631	±1.5	±0.45	±0/+5	3	24	-
	194	3	2.208	±2.0	±0.40	±0/+5	2	20	-
200	192	4	2.929	±2.0	±0.50	±0/+5	2	20	-
	190	5	3.643	±2.0	±0.55	±0/+5	2	20	-
250	242	4	3.679	±2.0	±0.50	±0/+5	1	12	-
250	240	5	4.580	±2.0	±0.55	±0/+5	1	12	-
300	292	4	4.424	±5.0	±0.55	±0/+5	1	9	-
300	290	5	5.511	±5.0	±0.65	±0/+5	1	9	-
400	392	4	5.922	±5.0	±0.55	±0/+5	1	5	_
-50	390	5	7.383	±5.0	±0.65	±0/+5	1	5	_
500	492	4	7.417	±6.0	±0.55	±0/+5	1	4	-
500	490	5	9.253	±6.0	±0.65	±0/+5	1	4	-

transparent, both sides glossy, UV-transmitting

30 Jahre 30 Year Guarantee – PLEXIGLAS® no yellowing.

TREGILET NICHT	Applies to all products listed above.	
	items with colored background are available from stock	– not available

5.1 PLEXIGLAS® XT White

TUBES | EXTRUDED ACRYLIC



Tubes – White WN370

Diamete in mm	er	Wall thick- ness in mm	Weight at nom.dim. kg/m	Tolerance in	Tolerance in mm		Quantity delivered. Units per small pack (lenght in mm)	Quantity delivered. Units per standard pack (lenght in mm)	Quantity delivered. Units per large pack (lenght in mm)
Outer	Inner			Outer Diameter	Wall thickness	Length	2000	2000	2000
150	144	3	1.648	±1.5	±0.40	±0/+5	4	21	_
200	194	3	2.208	±2.0	±0.40	±0/+5	2	20	-

transparent, both sides glossy, UV-transmitting

items with colored background are available from stock	– not available	
On request:		
smaller quantities		

5.2 PLEXIGLAS® Satinice (former PLEXIGLAS® Satin Ice)

TUBES | FROSTED, OPTIMALLY LIGHT DIFFUSING, EXTRUDED ACRYLIC



Tubes - Clear 0D010 DF

Diameter in mm		Wall thick- ness in mm	Weight at nom.dim. kg/m	Tolerance in	mm		Quantity delivered. Units per small pack (lenght in mm)	Quantity delivered. Units per standard pack (lenght in mm)	Quantity delivered. Units per large pack (lenght in mm)
Outer	Inner			Outer Diameter	Wall thickness	Length	2000	2000	2000
50	44	3	0.527	±0.8	±0.30	±0/+5	2	10	210
50	54	3	0.639	±0.8	±0.35	±0/+5	2	10	140
70	64	3	0.751	±0.8	±0.35	±0/+5	2	10	100
30	74	3	0.863	±0.9	±0.35	±0/+5	2	10	80
100	94	3	1.087	±1.2	±0.35	±0/+5	6	30	_
150	144	3	1.648	±1.5	±0.40	±0/+5	4	21	_
200	194	3	2.208	±2.0	±0.40	±0/+5	2	20	_

 $two\ matte\ sides,\ good\ light\ transmission,\ high\ light\ diffusion,\ UV-absorbing$

items with colored background are available from s	tock –	not available	
On request: smaller quantities			
sinalier qualitities			

5.3 PLEXIGLAS® Special programme

TUBES | EXTRUDED ACRYLIC



Minimum quantities of other manufacturing lengths

Outer diameter in mm	Manufacturing length in mm		Grades in the standard range (units)		
	min.	max.			
5 to 10	800	6000	50		
12 to 16	700	6000	50		
20 to 25	700	6000	25		
30 to 50	800	6000	10		
60 to 100	600	6000	10		
110 to 500	1000	6000	10		

Also available:

other outer diameters

other properties, e . g. impact-modified (Resist)

other colors e. g. colored, white

other wall thicknesses

Minimum manufacturing quantities of the special programme

Outer diameter in mm	Standard outer diamet (special grade or special	er acc. to sales handbook wall thickness)	Special outer diameter (special grade or special wall thickness)		
	Clear, transparent colors, Resist	White, translucent, satin and opaque colors	Clear, transparent colors, Resist	White, translucent, satin and opaque colors	
5 to 25	1000 m	1500 m	1000 m	1500 m	
30 to 60	500 m	1000 m	1000 m	1500 m	
70 to 100	300 m	500 m	600 m	800 m	
110 to 250	300 m	500 m	500 m	700 m	
300 to 500	250 m	400 m	250 m	400 m	

On request:

Also possible are cut-to-size tubes from 100 kg per article or order item; we reserve the right to supply slightly more or less than the ordered quantity.

smaller quantities possible

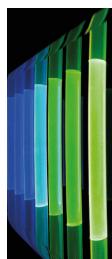
Items from the standard range can also be manufactured with different characteristics, as stated. Special grades are manufactured to order. The entire batch is delivered; the quantity supplied may be +/- 10 % above or below the ordered quantity. We will be pleased to state delivery periods, prices and other conditions on request.

6.0 RODS

PLEXIGLAS® RODS

PLEXIGLAS® rods are ideally suitable for architectural interior and exterior lighting, contemporary furniture, luxury brand merchandizing, store fixtures, P.O.P and trade show displays, industrial pneumatic delivery and conveying systems and decorative architectural features.





6.1 PLEXIGLAS® GS

• Clear

6.2 PLEXIGLAS® XT

• Clear

6.3 PLEXIGLAS® LED

(former PLEXIGLAS EndLighten T)

6.1 PLEXIGLAS® GS

Clear

RODS | CAST ACRYLIC



Round rods - Clear 0F00

Diameter in mm	Length in mm Weight kg/100 m		Tolerance in m	m	Number of rods per pack
			Diameter	Length	
15	2000	21.03	±0.2	-0/+100	10
18	2000	30.28	±0.2	-0/+100	10
20	2000	37.38	±0.2	-0/+100	10
25	2000	58.41	±0.2	-0/+100	5
30	2000	84.12	±0.2	-0/+100	2
35	2000	114.49	±0.2	-0/+100	2
40	2000	149.54	±0.2	-0/+100	2
50	2000	233.66	±1.0	-0/+100	2
60	2000	336.46	±1.0	-0/+100	1
70*	2000	457.97	±1.0	-0/+100	1
100	2000	934.62	±1.0	-0/+100	1

transparent, high-gloss, UV-absorbing

^{*} will be discontinued



30 Year Guarantee – PLEXIGLAS® no yellowing. Applies to all products listed above.



items with colored background are available from stock.

On request

Smaller quantities

6.2 PLEXIGLAS® XT

Clear

RODS | CAST ACRYLIC



Round rods - Clear 0A070

Diameter in mm	Length in mm	Weight kg/100 m	Tolerance in mm		Number of rods per pack
			Diameter	Length	
3*	2000	0.841	±0.2	-0/+40	100
4*	2000	1.495	±0.2	-0/+40	100
5*	2000	2.337	±0.2	-0/+40	50
6*	2000	3.365	±0.2	-0/+40	50
8	2000	5.982	±0.2	-0/+40	50
10	2000	9.346	±0.3	-0/+40	25
12	2000	13.459	±0.3	-0/+15	25
15	2000	21.030	±0.3	-0/+15	25
20	2000	37.366	±0.3	-0/+15	1
25	2000	58.414	±0.3	-0/+15	1
30	2000	84.116	±0.5	-0/+15	1
40	2000	149.540	±0.6	-0/+15	1
50	2000	233.660	±0.7	-0/+15	1

transparent, high-gloss, UV-transmitting

^{*} Special lengths are only available from November until March.



30 Year Guarantee – PLEXIGLAS $^{\circ}$ no yellowing.

Applies to all products listed above.



Items with colored background are available from stock.

On request:

Smaller quantities:

Available are:

other diameters, colors and surfaces on request

- other manufacturing lengths from 600 to 6000 mm from 50 units per item or order item
- cut-to-size rods from 50 kg per item or order item, from 300 mm length; slight deviations from ordered quantity are possible

Reference:

Special grades are manufactured to order. The entire batch is delivered; delivery of \pm 0 % above or below ordered quantity possible.

6.3 PLEXIGLAS® LED (former PLEXIGLAS® EndLighten T)

RODS | LIGHT GUIDING, FOR EDGE LIT, LIGHT HAZY



Round Rods - PLEXIGLAS® LED 0E011 L, 0E012 XL and 0E013 XXL

Diameter in mm	Length in mm	Weight kg/100 m	Tolerance in mm		Number of rods per pack
			Diameter	Length	
8	2000	5.982	±0.2	-0/+15	10
20	2000	37.366	±0.3	-0/+15	1
40	2000	149.54	±0.6	-0/+15	1

transparent, high-gloss, UV-absorbing



30 Year Guarantee - PLEXIGLAS® no yellowing. Applies to all products listed above.



items with colored background are available from stock.

Reference: Packed individually in blue tubular film

7.0 ASSEMBLY ACCESSORIES

7.1 Installation of PLEXIGLAS® multi-skin sheets

7.2 Installation of PLEXIGLAS® corrugated sheets

7.1 Installation of PLEXIGLAS® multi-skin sheets

ASSEMBLY ACCESSORIES



PE clip-on profile

for closing the open ends of PLEXIGLAS® SDP 16 double-skin sheets of corresponding width for storage and shipment



PE clip-on profile

Product	Features	Features		Order no.
	Color	Length		
PE clip-on profile 16/980	Clear	980 mm	Box with 250 pieces	99921526
PE clip-on profile 16/1200	Clear	1200 mm	Box with 250 pieces	99921524

Adhesive aluminiumtape

e. g. for sealing the open ends of PLEXIGLAS® SP multi-skin sheets during storage and installation (in the latter case, only seal cavities completely at upper end, closing lower ends so as to allow air to enter).



Adhesive aluminiumtape

Product	Features		Order Unit	Order no.
	Width	Length		
Adhesive aluminiumtape 38	38 mm	50 mm	1 roll	99921572
Adhesive aluminiumtape 50	50 mm	50 mm	1 roll	99921573

Further assembly accessories are available from

ThyssenKrupp Plastics GmbH Königsberger Straße 80 40231 Düsseldorf

Phone: +49 211 583481-43 Fax: +49 211 583481-38

 ${\tt gerd.kowalewski@thyssenkrupp.com}$

We will be pleased to pass on any inquiries and orders addressed to us.

7.1 Installation of PLEXIGLAS® multi-skin sheets

ASSEMBLY ACCESSORIES



Infill section 16

Profile for supporting the skins of PLEXIGLAS® SDP 16 sheets cut open widthwise, when upper and lower skins protrude more than 15 mm beyond the last web.



Infill section 16/3500

Product	Features		Order Unit	Order no.
	Color	Length		
Infill section 16/3500	PVCu, white	3500 mm	20 pieces	99936033

Reference:

You can order the INFILL SECTION 16 for closing the sides of PLEXIGLAS® multi-skin sheets with large web spacings directly from us.

7.2 Installation of PLEXIGLAS® corrugated sheets

ASSEMBLY ACCESSORIES



PLEXIGLAS® molded parts for corrugated and trapezoidal sheets 76/18

As wall connection for monopitch roofs or as ridge ending for gable roofs

PLEXIGLAS® molded parts for corrugated and trapezoidal sheets 76/18

Product	Figure	Color	Size	Order Unit		Order no.
				Piece (one-piece)	Sets (Set of two parts)	
Wall flashing for corrugated sheets WP 76/18		⁷ cler	1045 mm × 150 mm	50	-	99001534
Wall flashing for trapezoidal sheets TP 76/18		clear	1045 mm × 150 mm	50	-	99001536
Ridge profile for corrugated sheets WP 76/18		clear	1045 mm × 270 mm	-	25	99001537
Ridge profile for trapezoidal sheets WP 76/18		clear	1045 mm × 270 mm	-	25	99001538

Further assembly accessories are available from

ThyssenKrupp Plastics GmbH Königsberger Straße 80 40231 Düsseldorf

Phone: +49 211 583481-43 Fax: +49 211 583481-38

gerd.kowalewski@thyssenkrupp.com

We will be pleased to pass on any inquiries and orders addressed to us.

8.0 SERVICE PRODUCTS

8.2 React	ive adhesives
8.3 Addi	ives
8.4 Colo	ants for coloring ACRIFIX® 2R polymerization adhesives
8.5 Clear	ing, care and polishing agents

8.1 Solvent-based adhesives

SERVICE PRODUCTS



Solvent-based adhesives

Product	Packaging	rackaging	
	Туре	Unit	
ACRIFIX® 1S 0126 ¹⁾ Solvent-based adhesive (viscous) for PLEXIGLAS® XT & GS	Aluminium bottle	5 x 1.2 kg	990 89 793
ACRIFIX° 1S 0127¹) Solvent-based adhesive (liquid) for PLEXIGLAS° XT	Aluminium bottle	5 x 1.2 kg	990 89 799
ACRIFIX® 1S 0109 ¹⁾ Solvent-based adhesive (viscous) for PLEXIGLAS® XT & GS	Aluminium bottle	5 x 1.2 kg	999 27 258
ACRIFIX° 1S 0116 ²⁾ Solvent-based adhesive (viscous)	Aluminium-Tube, coated inside	20 × 100 g	999 27 970
	Aluminium bottle, coated inside	5 × 1.0 kg	999 29 372
ACRIFIX® 1S 0117 ²⁾ Solvent-based adhesive (viscous)	Aluminium bottle, coated inside	5 × 1.0 kg	999 29 382

²⁾ free from dichloromethane

On request:

Other packaging units

Reference: Products ACRIFIX® 1S 0126, ACRIFIX® 1S 0127 and ACRIFIX® 1S 0109, which contain dichloromethane, are meant for commercial use only. Feel free to contact us!

8.2 Reactive adhesives

SERVICE PRODUCTS



Reactive adhesives

Product	Packaging	Packaging	
	Туре	Unit	
ACRIFIX® 1R 0192 1-component reactive adhesive for clear	Aluminium tube	20 x 100 g	999 27 283
PLEXIGLAS® XT & GS, cures on exposure to light	Aluminium bottle	5 x 1.0 kg	999 27 279
	Aluminium bottle	5 x 1.0 kg	999 27 271
ACRIFIX® 2R 0190 2-component reactive adhesive for PLEXIGLAS® XT & GS, cures upon addition of ACRIFIX® CA 0020	Combination can, coated sheet metal with PE lining	1 x 25 kg	999 27 267
	Hobbock, coated sheet metal, coated inside	1 x 50 kg	999 27 269
ACRIFIX® 2R 0195 2-component reactive adhesive for PLEXIGLAS® Satinice, cures upon addition of ACRIFIX® CA 0020	Plastic bottle (PE/PA)	5 x 1.0 kg	999 53 674
ACRIFIX® 2R 1200 2-component reactive adhesive for	Aluminium bottle	5 x 1.0 kg	999 50 393
PLEXIGLAS® XT and GS, cures upon addition of ACRIFIX® CA 0020	Combination can, coated sheet metal with PE lining	1 × 25.0 kg	999 50 361
ACRIFIX® 2R 2016 2-component reactive adhesive for	Aluminium bottle	5 × 1.0 kg	990 88 298
PLEXIGLAS® XT and GS, cures upon addition of ACRIFIX® CA 0020	Combination can, coated sheet metal with PE lining	1 x 25.0 kg	990 88 295
ACRIFIX® 1R 0350 faster single component reactive adhesive for colorless PLEXIGLAS® XT & GS, light curing, viscous	Combination can, coated sheet metal with PE lining	1 x 25.0 kg	999 68 285
ACRIFIX® 1R 9019 faster single component reactive adhesive for colorless PLEXIGLAS "XT & GS, light curing, fluid, high capillary effect	Aluminium bottle	5 × 1.0 kg	990 20 075

On request: Other packaging units

Reference: Special adhesives are available for special applications (or specially smooth surface curing, machine metering, UV curing within minutes). Feel free to contact us!

ACRIFIX® 2R 2016 replaces ACRIFIX® 2R 1900

ACRIFIX* 2R 2016 with 5% ACRIFIX* SO 0016 replaces ACRIFIX* 2R 1074

8.3 Additives

SERVICE PRODUCTS



Additives

Product	Packaging		Order number
	Туре	Unit	
ACRIFIX° CA 0020 Hardener for – ACRIFIX° 2R 0190 – ACRIFIX° 2R 0195 – ACRIFIX° 2R 1200 – ACRIFIX° 2R 2016	Aluminium bottle, incl. measuring pipette	5 x 60 g	999 68 907
	Aluminium bottle	5 x 1.0 kg	999 28 967
ACRIFIX° TC 0030 For diluting (up to 10 %) of - ACRIFIX° 2R 0190 - ACRIFIX° 1R 0192 - ACRIFIX° 2R 1200 - ACRIFIX° 2R 2016 - ACRIFIX° 2R 0195 and precleaning adherend surfaces	Aluminium bottle	5 x 1.0 kg	999 27 229
	Combination can, coated sheet metal with PE lining	1 x 25 kg	999 45 313
ACRIFIX* TH 0032 For diluting (> 10 %) of – ACRIFIX* 2R 0190 – ACRIFIX* 2R 1200 – ACRIFIX* 2R 2016 – ACRIFIX* 2R 0195	Aluminium bottle	5 x 1.0 kg	999 27 745
ACRIFIX° MO 0070 Reaction moderator for – ACRIFIX° 2R 0190	Aluminium bottle, incl. measuring pipette	5 x 60 g	999 68 908
ACRIFIX° SO 0016 Surface smoothing additive (up to 5%) for – ACRIFIX° 2R 2016	Aluminium bottle	1 x 1.0 kg 5 × 1.0 kg	990 88 781 990 90 548

Reference:

ACRIFIX $^{\circ}$ MO 0070 and ACRIFIX $^{\circ}$ SO 0016 are only available via the PLEXIGLAS $^{\circ}$ online-shop. Please contact our sales department.

8.4 Colorants for coloring ACRIFIX® 2R polymerization adhesives

SERVICE PRODUCTS



Colorants

Product	Packaging		Order number
	Туре	Unit	
ACRIFIX° CO 9073	PE-can	1 x 500 g	999 45 296
ACRIFIX° CO W074	PE-can	1 x 500 g	999 28 984
ACRIFIX° CO 3075	PE-can	1 x 500 g	999 45 297
ACRIFIX° CO 5076	PE-can	1 x 500 g	999 28 988
ACRIFIX° CO 1077	PE-can	1 x 500 g	999 45 298

Hinweise:

ACRIFIX° Colorants are available via the PLEXIGLAS° online-shop. Please contact our sales department.

Can be used in ACRIFIX® 2R 0190, 2R 1200, 2R 2016, and 2R 0195.

On request:

ACRIFIX® 2R 0190 and ACRIFIX® 2R 0195 can be precolored at our factory in all the colors of the PLEXIGLAS® XT & GS range. Feel free to contact us!

8.5 Cleaning, care and polishing agents

SERVICE PRODUCTS



Agents for polishing, cleaning and antistatic treatment of PLEXIGLAS® are supplied by:

Burnus GmbH Abteilung MW-I Kunststoffpflege Rößlerstrasse 94 D-64293 Darmstadt Phone +49 6151 873681 Fax +49 6151 873801

We will be pleased to pass on any orders we receive.

Products

Intensive Cleaning Agent for Plastics (KIR)
Acrylic POLISH & REPAIR Paste (AGP)
Special polishing and cleaning cloths

Limitation of liability

Our ACRIFIX® adhesives and other service products have been developed exclusively for use with our PLEXIGLAS® products and are specially adjusted to the properties of our materials

Any recommendations and guidelines for workshop practice therefore refer exclusively to these products.

Claims for damages, especially under product liability laws, are ruled out if made in connection with the use of products from other manufacturers.

SECTION B

1.0 STANDARDS	3.3 PLEXIGLAS® XT		
1.1 Overview of standards applied	• Sheets		
2.0 APPROVALS	3.4 PLEXIGLAS®		
2.1 Certificates	Multi-skin sheets		
• Fire ratings	Corrugated sheets		
PLEXIGLAS® GS blocks for Aquarium Glazing,	• Rods and tubes		
Pressure Vessels etc.	4.0 Surface protection		
• Transport systems	4.1 Surface protection of PLEXIGLAS®		
• Certificate to DIN EN ISO 9001 and 14001	Masking film on sheets		
Various documents	Technical Information		
2.2 Declaration of Conformity – Food Contact			
3.0 TOLERANCES AND SHRINKAGE VALUES			
3.1 Prior remarks			
3.2 PLEXIGLAS® GS			
• Sheets			
• Blocks			

1.1 Overview of standards applied

STANDARDS



Here you will find an overview of the standards which govern the manufacture, dimensions and property characterisation of our semifinished products. This list makes no claim to be exhaustive.

Unless otherwise stated in the sales range section, the standards stated apply to the standard grades in clear-transparent.

For semifinished products with other properties, further guidelines may apply.

The corresponding standards sheets can be ordered in Germany from:

Beuth Verlag GmbH D-10772 Berlin Telefon (0 30) 2 60 10

In other countries, enquire with the responsible standards publishers.

Standard sheets for PLEXIGLAS® GS

DIN EN ISO 7823-1
Plastics
Poly(methyl methacrylate)
sheets
Types, dimensions and characteristics
Part 1: Cast sheets
12.2003

Standard sheets for PLEXIGLAS® XT

DIN EN ISO 7823-2
Plastics
Poly(methyl methacrylate)
sheets
Types, dimensions and characteristics
Part 2: Melt-calendered extruded sheets
12.2003

Standard sheets for multi-skin and corrugated sheets

Plastics
Poly(methylmethacrylate)
Double- and triple-skin sheets,
Test method, November 1996
DIN EN 1013
Light transmitting profiled plastic sheeting for single skin roofing

2.0 APPROVALS

Fire ratings				
PLEXIGLAS® (S for Aquarium Glazing	, Pressure Vessels	etc.	
Transport syste	ms			
Certificate to [IN EN ISO 9001 and 14	1001		
Various docum	ents			

2.1 Certificates

Fire ratings

APPROVALS



Overview of fire certificates

Fire rating of PLEXIGLAS®. Grades are divided into 'all' and 'some' grades. The classification is given in decreasing order of difficulty. PLEXIGLAS® generates in principle very little smoke, its combustion gases are non-toxic (DIN 53436) and non-corrosive.

Certificates

Country / Certificate	Class	PLEXIGLAS°			
		GS-sheets	XT-sheets	Corrugated sheets	Multi-skin sheets
USA					
UL 94	НВ	all from 1.5 mm	all from 1.5 mm	all from 1.5 mm	all
Europe					
DIN EN 13501	Е	from 1.8 mm	from 1.8 mm	from 1.8 mm	all
Germany					
DIN 4102	B2	from 1.8 mm	from 1.8 mm	from 1.8 mm	all
German building inspectorate test report		all from 3 mm	all from 1.8 mm	all from 1.8 mm	all
U.K.				_	
BS 476. Part 6+7	Class 3	from 3 mm	some	some	all
D3 470. Fall 0+7	Class 4	all	all	all	
BS 2782. Meth. 508 A	TP (b)	3 mm	3 mm	3 mm	
Italy					
CSE/RF 2/75A and 3/77	Class 5	all	all	all	all
Netherlands					
NEN 3883	Class 4	all	all	all	all
Austria					
B 3800	B2	all	all	all	all
Switzerland					
BKZ	IV.3	all	all	all	all

Certificates

Country / Certificate	Class	PLEXIGLAS®			
		GS-sheets	XT-sheets	Corrugated sheets	Multi-skin sheets
Oxygen index					
LOI IN % to ISO 4589		17.5	17.5	17.5	
Ignition temperature					
°C to DIN 51794		435	430	430	430
Glow-wire ignition temperatu	ire test method foi	r materials			
DIN EN 60695-2-12	GWIT	675°C	675°C	675°C	
DIN EN 60695-2-12	GWFI	650°C	650°C	650°C	

2.1 Certificates

PLEXIGLAS® GS blocks for Aquarium Glazing, Pressure Vessels etc.

APPROVALS



Certificates Certificate Editor **Explanations** Material QPA-quality inspection Internal specification Our QPA inspection is performed on PLEXIGLAS® GS PLEXIGLAS® GS blocks of Evonik Performance blocks of 10 mm to 250 mm. This test covers all major of 10 mm to 250 mm Materials GmbH physical properties of importance to material behavior. thicknessIt is performed on each production batch and gives the customer the corresponding technical safety. Further test certificates (e. g. EN 10 204 Certificate of Compliance with the Order "2.1", Test Report "2.2", Inspection Certificate "3.1."...) can be provided on the basis of this inspection.

Declarations of conformity with the following certificates can be issued, based on QPA quality inspection:

Certificates

Certificate	Editor	Explanations	Material
Certificate AMMM00000TJ	DNV-GL	Evonik Performance Materials GmbH, Kirschenallee, 64293 Darmstadt, Germany, is certified to carry out tests on PLEXIGLAS® GS OZO0 according to Table 1 (Mechanical and Optical Properties of Acrylic Glass) in accordance with the rules for classification (Ships-DN-VGL-RU-SHIP-Pt2 Ch3 section 5) on its own authority. Evonik Performance Materials GmbH, Kirschenallee, 64293 Darmstadt, Germany, has shown the capability of manufacturing acrylic material for windows according to the requirements of ASME PVHO-1-2012, Section 2, Article 3 (SAFETY STANDARD FOR PRESSURE VESSELS FOR HUMAN OCCUPANCY). It is hereby confirmed that Evonik Performance Materials GmbH, Kirschenallee, 64293 Darmstadt, Germany, was subjected to a material-specific assessment in accordance with the latest version of the European Pressure Equipment Directive (2014/68/EU) and is certified to manufacture primary material for components of pressure equipment from the material PLEXIGLAS® GS 0Z00.	PLEXIGLAS® GS 0Z00

2.1 Certificates Transport systems





Existing approvals for PLEXIGLAS® in the transport systems

Approval or regulation	Explanations	Material	Valid until
DOT	for motor vehicles in USA and Canada (recognized in: Italy, Spain, Austria, Greece)		
DOT-112, AS-6, M-33 to M-103	Only for use in Item AS-6: - trailers - mobile homes - caravans	PLEXIGLAS® XT 0A000 310 mm	until revoked
DOT-112, AS-6, M-34 to M-84	 - special passenger cars - rear windows of convertibles - motorcycle windscreens - etc. 	PLEXIGLAS® Resist 75 38 mm	until revoked

 $PLEXIGLAS^*\ Resist\ 75\ Clear\ 0RA75\ (3...8\ mm)\ is\ approved\ for\ glazing\ in\ motor\ vehicles\ for\ the\ use\ in\ Class\ E\ and\ F.$

QUALITY MANAGEMENT SYSTEM





CERTIFICATE





This is to certify that

Evonik Industries AG

Rellinghauser Straße 1-11 45128 Essen Germany

with the organizational units/sites as listed in the annex

has implemented and maintains a

Quality and Environmental Management System

Scope:

Development, Production and Marketing & Sales of Specialty Chemicals

Through an audit, documented in a report, it was verified that the management system fulfills the requirements of the following standards:

ISO 9001: 2008

ISO 14001: 2004 + Cor 1: 2009

Certificate registration no.524331 QM08 UMValid from2017-01-04Valid until2018-09-14Date of certification2017-01-04



DQS GmbH

Frank Graichen Managing Director

ା୍Net 🗕 📗

Accredited Body: DQS GmbH, August-Schanz-Straße 21, 60433 Frankfurt am Main, Germany

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2.1 Certificates

Various documents

APPROVALS



In addition to the documents already mentioned, we have a series of others for the various items of our range, such as test reports, e. g. for

- Pendulum impact test
 (e. g. for balcony guards and balustrades)
- · Anti-vandal glazing
- Test certificate
 for PLEXIGLAS® GS and XT solid sheets and PLEXIGLAS® multi-skin sheets
- Protection from falling TRAV, ETB
- RoHS
 (restriction of hazardous substances) for PLEXIGLAS® GS and XT

To make it easier for you to obtain approval for use of PLEXIGLAS®, we shall be pleased to provide you with copies of such documents. Just tell us which certificate you require or which product you would prefer.

2.2 Declaration of Conformity – Food Contact

APPROVALS



The declaration of conformity for food contact is available on request at your contact in our sales department.

3.0 TOLERANCES AND SHRINKAGE VALUES

3.2 PLEXIGLAS® GS	
• Sheets	
• Blocks	
3.3 PLEXIGLAS® XT	
• Sheets	
3.4 PLEXIGLAS®	
• Multi-skin sheets	
• Corrugated Sheets	
Rods and Tubes	

3.1 Prior remarks

TOLERANCES AND SHRINKAGE VALUES



On the following pages, the tolerances and shrinkage values are given for the product groups

- PLEXIGLAS® GS
- PLEXIGLAS® XT
- PLEXIGLAS® SP
- PLEXIGLAS® WP
- PLEXIGLAS® tubes/rods

Explanation of symbols:

- < smaller than
- > greater than
- ≤ smaller than or equal to
- ≥ greater than or equal to
- % per cent
- ‰ per thousand
- °C degrees centigrade (temperature)

The tolerance values are valid to ISO 291 and apply at 23° C \pm 2 °C and 50 % \pm 5 % relative humidity.

3.2 PLEXIGLAS® GS

Sheets

TOLERANCES AND SHRINKAGE VALUES



Thickness tolerances (± mm) to ISO 7823-1

Length (mm)	Width (mm)	Thick	ness in m	ım								
		2.0	3.0	4.0	5.0	6.0	8.0	10.0	12.0	15.0	20.0	25.0
3000	2000											2.9
3050	2030	0.6	0.7	0.8	0.9	1.0	1.2	1.4	1.6	1.9	2.4	

Tolerance formula:

Tolerance = $\pm (0.4 + 0.1 \times Thickness)$

Tolerances for length and width

for the sizes in the table above:

0 /+ 3 ‰

for cut-to-size sheets:

up to 500 mm: +/-0.5 mm up to 1500 mm: +/-1.0 mm over 1500 mm: +/-1.0 %

Tolerances for rectangularity (calculated on 1000 mm leg length)

for sizes and cut-to-size sheets:

 $+/-1 \, \text{mm}$

Toleranceen for planarity (calculated on 1000 mm chord length)

deviation

≤ 3 mm

Shrinkage in length and width upon heating to forming temperature

≤ 2 %

3.2 PLEXIGLAS® GS

Blocks

TOLERANCES AND SHRINKAGE VALUES



Thickness tolerances in mm

Length (mm)	Width (mm)	Thick	ness in m	m										
		30	35	40	50	60	70	80	90	100	110	120	150	160
3000	2000	-2/+2	-2/+3	-2/+3	-2/+3	-2/+3	-2/+3	-2/+6	-3/+9	-3/+9	-3/+10	-3/+10	-5/+11	-6/+12

Tolerances for length and width

for sizes and cut-to-size sheets:

up to 1000 mm: +/-1.5 mm over 1000 mm: +/-1.5 %

Tolerances for rectangularity (calculated on 1000 mm leg length)

for sizes and cut-to-size sheets:

+/-1.5 mm

Tolerances for planarity (calculated on 1000 mm chord length)

deviation:

≤ 10 mm

Shrinkage in length and width upon heating to forming temperature

1.5 to 2.2 %

Reference:

For tolerances of tubes and rods, see Section A, Sales Range!

3.3 PLEXIGLAS® XT

Sheets

TOLERANCES AND SHRINKAGE VALUES



Thickness tolerances

- < 3 mm thickness:
- ± 10 %
- ≥ 3 mm thickness:
- ±5%

Tolerances for length and width

Length/Width	Sizes and cut-to-size sheets from production	Special cutting se	rvice	
		up to 500 mm	up to 1500 mm	up to 1500 mm
≤ 4050 mm	0/+ 3 ‰	± 0.5 mm	± 1.0 mm	± 1 ‰
> 4050 mm	0/+ 4 ‰ (as a supplement to ISO 782.	3-2)		

Tolerances for rectangularity

Sizes and cut-to-size sheets from production	Special cutting service
≤ 3,5 mm • w	≤1 mm • w

calculated on sheet width w [in m] according to ISO 7823-2:1996, expressed as the difference in length [in mm] of the sheet diagonals multiplied by w)

Shrinkage in extrusion direction upon heating to forming temperature

Smooth surface 1.5 to < 2 mm thickness:

≤ 10 %

Smooth surface 2.0 to < 3 mm thickness:

≤ 6 %

Smooth surface > 3 mm thickness:

≤ 3 %

Satin surfaces, > 3 mm thickness: PLEXIGLAS® Satinice: ≤ 3 %

Textured surfaces, all thicknesses:

Sheets with texture AR, texture C, Honeycomb etc.: ≤ 6 %

Tolerances for planarity (calculated on 1000 mm chord length)

deviation: ≤ 3 mm

TOLERANCES AND SHRINKAGE VALUES



Width tolerances

Geometry	Tolerance
Standard widths	
SDP 8/1200-16	1200 −3/+2 mm
SDP 16/980-32	980 –2/+4 mm
SDP 16/1200-32	1200 −2/+4 mm
SDP 16/980-64	980 –2/+4 mm
SDP 16/1053-64	1053 −2/+4 mm
SDP 16/1200-64	1200 −2/+4 mm
S4P 32/1230-32	1230 ±4 mm
S5P 32/1230-32	1230 ±4 mm
Cut-to-size widths	
Centered, without trimmed edges	±10 mm
Width with trimmed edges	±3 mm

Thickness tolerances

Geometry	Tolerance
SDP 8/1200-16	8 ± 0.5 mm
PSDP 16/980-32	16 ± 0.8 mm
SDP 16/1200-32	16 ± 0.8 mm
SDP 16/980-64	16 ± 0.8 mm
SDP 16/1053-64	16 ± 0.8 mm
SDP 16/1200-64	16 ± 0.8 mm
S4P 32/1230-32	32 ± 1.0 mm
S5P 32/1230-32	32 ± 1.0 mm

Tolerances for planarity

a) in extrusion direction:

allowable variation = sheet length $[m] \times 1.5$

b) at right angles to extrusion direction, in relation to extrusion width:

 Extrusion width:
 Deviation:

 980 mm:
 ≤ 1.9 mm

 1053 mm:
 ≤ 2.2 mm

 1200 mm:
 ≤ 2.8 mm

 1230 mm:
 ≤ 3.0 mm

Tolerances for lateral straightness

For extrusion widths, per metre of sheet length: 1.0 mm

Length tolerances

≤ 3000 mm lenght:

 $0/+6 \, mm$

> 3000 mm Length:

0/+ 2 mm per metre

Tolerances for rectangularity

(calculated on 1000 mm leg length)

deviation: ± 3 mm

3.4 PLEXIGLAS®

Corrugated sheets

TOLERANCES AND SHRINKAGE VALUES



Width tolerances

all grades: 0/+ 5 mm

Length tolerances

up to 3000 mm length: 0/+6 mm

from 3000 mm length: 0/+ 2 mm pro Meter

Tolerances for rectangularity (per 1000 mm leg length)

deviation: ± 3.0 mm

Tolerances for spacing of corrugations

WP 76/18: 76 ± 1 mm WP 130/30: 130 ± 2 mm WP 177/51: 177 ± 3 mm

Tolerances for height of corrugations

WP 76/18: 18-2/+1 mm WP 130/30: 30 ± 1.5 mm WP 177/51: 51 ± 3 mm

Tolerances for planarity (per 1000 mm chord length)

deviation: ≤ 3.0 mm

Tolerances for lateral straightness (per 1000 mm chord length)

deviation: ≤ 1.0 mm

3.4 PLEXIGLAS®

Rods and tubes

TOLERANCES AND SHRINKAGE VALUES



Tolerances for wall thickness and exterior diameter

see Section A, Sales Range PLEXIGLAS® XT-tubes and -rods and GS-rods

Tolerances for length

The standard tolerances from extruder at \leq 6000 mm length are as follows:

XT tubes: -0/+5 mm

XT rods round (2–10 mm): -0/+40 mm

XT rods round (12–60 mm): -0/+15 mm

GS rods round: -0/+100 mm

Special manufacturing service:

Length tolerances for rods and tubes

Outer diameter	Length 50–500 mm	Length >500-4000 mm
up to 8 mm	± 2.0 mm	± 4.0 mm
10-16 mm	± 1.0 mm	± 2.0 mm
20-160 mm	± 0.5 mm	± 1.0 mm

Outer diameter 160 –500 mm, only cuttings from extruder from 1000 mm length available.

Straightness of tubes

Deviation mm	
10	
8	
6.5	
5	
3	
2	
	10 8 6.5 5 3

Maximum deviation per 1000 mm of chord length

4.0 SURFACE PROTECTION

4.1 Surface protection of PLEXIGLAS® • Masking film on sheets • Technical Information

4.1 Surface Protection of PLEXIGLAS® Masking film on sheets

SURFACE PROTECTION



Masking film on sheets

Product	Standard surface masking is PE film with the follo	wing characteristics
	Top side	Underside
PLEXIGLAS° GS		
Standard	SK-film – white transparent, green print	SK-film – clear transparent
block material	SK-film – clear transparent	SK-film – clear transparent
PLEXIGLAS® Satinice SC	SK-film – white transparent	SK-film – clear transparent
PLEXIGLAS® Satinice DC	SK-film – white transparent	SK-film – white transparent
PLEXIGLAS® UV-transmitting	SH-film – natur transparent	SH-film – clear transparent
PLEXIGLAS® UV-transmitting SC	SK-film – white transparent	SH-film – clear transparent
PLEXIGLAS® LED	SK-film – white transparent	SK-film – clear transparent
PLEXIGLAS® XT		
clear ≤ 8 mm thickness	SH-film – white transparent, blue print (SD)	SH-film – blue transparent
clear and colored > 8 mm thickness	SK-film – white transparent, blue print	SK-film – blue transparent
white ≤ 8 mm thickness	SK-film – white transparent, blue print	SK-film – blue transparent
colored ≤ 8 mm thickness	SH-film - blue transparent	SH-film - blue transparent
UV 100 AR	SH-film - natur transparent	SH-film - blue transparent
UV 100	SK-film - blue transparent	SH-film - blue transparent
PLEXIGLAS® Satinice SC	SK-film – white transparent	SH-film – blue transparent
PLEXIGLAS® Satinice DC	SK-film – white transparent	SK-film – white transparent
PLEXIGLAS® Satinice DF	SK-film – white transparent	SK-film – white transparent
PLEXIGLAS® Resist 45	SH-film – blue transparent	SH-film – blue transparent
PLEXIGLAS® Resist 65	SH-film – grey transparent	SH-film – blue transparent
PLEXIGLAS® Resist 75	SH-film – orange transparent	SH-film – blue transparent
PLEXIGLAS® Resist 100	SH-film – green transparent	SH-film – blue transparent

4.1 Surface Protection of PLEXIGLAS® Masking film on sheets

SURFACE PROTECTION



Masking film on sheets

Product	Standard surface masking is PE film with the	following characteristics
	Top side	Underside
PLEXIGLAS° XT		
PLEXIGLAS® LED	SH-film – clear transparent	SH-film – clear transparent
PLEXIGLAS® Reflections	SH-film – blue transparent	coated, no surface masking
PLEXIGLAS® Heatstop	SK-film – blue transparent	SK-film – blue transparent
PLEXIGLAS® Soundstop	SK-film – clear transparent	SK-film – clear transparent
PLEXIGLAS® Textures	no surface masking	SH-film – blue transparent
PLEXIGLAS® Textures	no surface masking	no surface masking
PLEXIGLAS® Optical HC	SK-film – red transparent	SH-film – blue transparent
PLEXIGLAS® LED HC	SK-film – red transparent	SH-film – blue transparent
Multi-skin sheets		
PLEXIGLAS® Resist	SH-Folie – clear transparent, black print	SH-film – white transparent
PLEXIGLAS® Heatstop	SH-Folie – clear transparent, black print	SK-film – white transparent
PLEXIGLAS® Alltop	SH-Folie – clear transparent, black print	SH-film – white transparent
Corrugated sheets		
textured	no surface masking	no surface masking
smooth sheets	PE-film as an intermediate layer	PE-film as an intermediate layer

4.1 Surface Protection of PLEXIGLAS®

Technical Information

SURFACE PROTECTION



PLEXIGLAS® solid or multi-skin sheet is normally protected on both sides with masking film. This mainly serves as protection against mechanical damage and soiling during transportation and handling.

Masking film frequently offers additional properties that have proved useful during subsequent processing of PLEXIGLAS® (especially solid sheet).

The type of film, film thickness and adhesion are selected according to common market requirements. Care is always taken to use the masking film that offers the widest scope for fabrication.

Protective masking film on PLEXIGLAS® is usually made of low density polyethylene (LD-PE), unless explicitly stated otherwise in the product description leaflet. That means the film can be recycled without any problems, provided it is carefully separated from other types of plastic. If recycling is not possible, the film can be incinerated in a plant for household waste or conveyed to a corresponding landfill.¹

Two major types of film are employed for masking PLEXIGLAS® products:

- cling film abbrev. SH film
- · self-adhesive film abbrev. SK film

Adhesion between the PLEXIGLAS® sheet and the masking film is obtained by special adhesive constituents in the PE or additional adhesive layers. The films are normally between 30 and 130 μ m thick. Thicker film can be supplied on sheets manufactured to order (minimum order quantities, delivery periods).

The following table shows the general field of application for the corresponding masking film.

¹⁾ PE can be landfilled "without harm" to the environment because it decomposes upon exposure to the weather in a foreseeable period, giving rise to non-toxic oxidation products.

Table 1: Various types of film and their field of application for PLEXIGLAS®

Film Type	Adhesion Level	Products	Characteristics/Application
Cling film (SH-) ca. 30 –100 μm	average –strong uniform	extruded and cast PLEXIGLAS° (incl. multi-skin sheet)	SH film has no adhesive on the cling side and can be applied by either hot or cold lamination. SH film is suitable for cut-to-size sections and can be used for thermoforming under certain conditions.
Self-adhesive film (SK-) ca. 60 –130 μm	average –strong dependent on the adhesive layer	depending on thickness of preferably cast PLEXIGLAS*, but also extruded (incl. PLEXIGLAS* Satinice)	SK film offers strong adhesion due to an additional adhesive layer on the adhesive side. The film adheres to the sheet again at any time after removal. It is especially suitable for small cut-to-size sections where it is important for the film to adhere to the PLEXIGLAS* sheet.

4.1 Surface Protection of PLEXIGLAS®

Technical Information

SURFACE PROTECTION



No masking film can meet all market requirements in equal measure. That is why it is very important to know the field of application (thermoforming, frequent cutting to size, subsequent coating of PLEXIGLAS® sheets) in order to select the correct film. For thermoforming in particular, masking film cannot always remain on the PLEXIGLAS® surface.

Exposure to prolonged pressure may also cause adhesive residues to adhere to PLEXIGLAS®. The more is known about the field of application, the easier it is to ensure optimum surface protection. Special wishes always entail manufacture to order (costs, delivery periods, minimum order quantities).

Hints on the Storage of PLEXIGLAS® Products with PE Masking Film

Polyethylene does not possess the well-known durability of PLEXIGLAS® in outdoor applications. Unlike PMMA, unmodified PE is not weatherresistant and rapidly becomes brittle due to photo-oxidation processes (aging due to light). We therefore advise against storing PLEXIGLAS® sheets masked with PE films outdoors.

Even when stored indoors, the correct storage conditions must be observed to ensure the prolonged functionality of the masking film on PLEXIGLAS®. The recommended ambient conditions are:

Storage conditions

Storage temperature	no extreme temperatures, optimal temp. 15 – 20 ° C	15-20°C 50-66°F
Environment	dry, no wetness, no high atmospheric humidity, storage indoors	Ť
Light	no direct sunlight, no lamps with a high proportion of UV radiation, ideally in darkened room	UV M
Resistance	Avoid contact with other substances such as oils, greases, solvents.	(CI)

Generally speaking, masking film with high adhesive strength (self-adhesive SK film) poses more problems than ordinary adhesive film. In the former, heat and UV radiation rapidly damage the adhesive layer, leading to problems after prolonged storage. It is advisable to remove the protective masking directly after installing or fabricating the PLEXIGLAS® sheet. If stored correctly indoors 1), the film remains serviceable for at least 12 months (from delivery date). If there is no alternative to outdoor storage, we recommend covering the sheets to protect them from weathering, e. g.

by means of white PE sheeting. No statement can be made on the maximum storage period in this case, because of the variety of seasonal influences. Since we do not manufacture the masking film ourselves, we have to rely on the statements and product specifications of our suppliers with regard to storage stability. Here too, the product properties may vary slightly from batch to batch.

1) A correct storage can be proved by the degree of embrittlement of the PE. $\,$

SECTION C

1.0 CONDITIONS OF SALE AND DELIVERY	6.0 ENVIRONMENT AND RECYCLING			
	6.1 PLEXIGLAS® and the environment			
1.1 General Conditions of Sale and Delivery	• PLEXIGLAS® GS/PLEXIGLAS® XT			
2.0 DELIVERY SERVICE	6.2 Recycling of semifinished products made of PLEXIGLAS®			
2.1 Delivery service	· · · · · · · · · · · · · · · · · · ·			
3.0 NUMBER OF ITEMS PER PALLET	PLEXIGLAS® GS/PLEXIGLAS® XT			
3.0 NOWBER OF ITEMS PER PALLET	6.3 Proposal for marking finished items			
3.1 Number of items per pallet	• PLEXIGLAS® GS/PLEXIGLAS® XT			
4.0 STORAGE				
4.1 Correct storage of material	7.0 COMPLAINTS/DAMAGE DURING TRANSPORT			
5.0 PALLET RETURN	7.1 Procedure in the event of complaint			
5.1 Measures for pallet return	7.2 Procedure in the event of damage			
5.2 Pallet Return Order	8.0 SUPPLIERS			
	8.1 At your disposal world-wide			

1.1 General Conditions of Sale and Delivery

CONDITIONS OF SALE AND DELIVERY



General Conditions of Sale and Delivery ("Conditions of Sale")

- 1. Scope of Application: Our delivery of goods and services are subject to these Conditions of Sale and additionally the applicable statutory law only. Terms that vary therefrom, including any general conditions of purchaser, shall only be considered binding if they have been confirmed by us in written form. Our delivery of goods, performance of services or acceptance of payments does not constitute acceptance on our part of terms that vary from these Conditions of Sale and the applicable statutory law.
- 2. Offers, Contracts: Our offers are made subject to confirmation. A contract is only formed when we give order confirmation in writing or when orders are fulfilled by us.

3. Form:

- 3.1 For the purposes of these Conditions of Sale, (a) "in writing" means in text form (including email, facsimile, computer-generated letters and telegrams), and (b) "written form" means a hand-signed document. Any amendment or supplement to these Conditions of Sale including this Section 3.1, and any termination or mutually agreed cancellation of a contract shall be made in written form.
 - 3.2 Other statements and notices shall be made in writing.
- 4. Prices: Unless otherwise agreed in writing, our prices are quoted ex works and do not include the packaging costs. Value added tax shall be payable additionally at the statutory rate in effect on the invoice date.

5. Payment, Set-off:

- 5.1 Unless agreed otherwise in writing, payment to us by purchaser shall be effected latest 5 days after the delivery or the performance of services.
- 5.2 Set-off by purchaser is permitted only for claims that are undisputed or have been upheld by final decision of a court of competent jurisdiction.

6. Place of Performance, Shipment:

- **6.1** The place of delivery or performance shall be our place of production or
- 6.2 If shipment has been agreed to be included, we shall ship the goods at purchaser's risk. Furthermore, we shall determine the manner of shipment, ship-ment route and carrier.
- Partial Delivery and Performance: Partial delivery and performance shall reasonable extent be permitted.

8. Delivery Schedules, Delay:

- 8.1 if we fail to comply with the agreed schedules of delivery or performance or other contractual obligations on time, purchaser shall grant us in writing an additional delivery or performance period of reasonable length, such period to be at least three (3) weeks.
- least three (3) weeks.

 8.2 If delivery or performance does not take place by the end of the additional delivery or performance period and if purchaser for this reason intends to exercise tis option to rescind the contract or claim damages instead of delivery (Schadensersatz statt der Leistung), purchaser shall first grant us in writing a turther reasonable period for delivery or performance. Purchaser shall, upon our request, notify us in writing within a reasonable time period, whether purchaser intends, as a result of the delay, to rescind and/or claim damages instead of delivery (Schadensersatz statt der Leistung), or insists on delivery/performance.
- Transport Insurance: We are authorized to obtain appropriate transport in-surance on behalf and at the expense of purchaser in an amount at least equal to the invoiced value of the goods.

10. Retention of Title:

- 10.1 The goods sold shall remain our property until all our claims against purchaser arising from our business relationship with purchaser have been satisfied.

 10.2 If the goods have been processed by purchaser, our retention of title shall extend to the new products. If the goods have been processed, combined or mixed by purchaser with goods of others, we acquire joint title pro rata to that part of the new products representing the invoiced value of our goods in relation to the total value of the other goods which have been processed, combined or mixed.
- value of the other goods which have been processed, combined or mixed.

 10.3 In the event our goods are combined or mixed with goods of purchaser or of any third party, purchaser hereby assigns to us its rights with regard to the new products. If purchaser combines or mixes our goods with goods of a third party for payment, purchaser hereby assigns to us its right to payment from such third party.

 10.4 Purchaser may, in the ordinary course of its business, resell any goods which are subject to our retention of title or sell the new products. If, upon such sale/resale, purchaser does not receive the full purchase price in advance or upon delivery of such goods or new products, purchaser shall agree with its customer a retention of title arrangement on the same terms as set out herein. Purchaser hereby assigns to us all its claims arising from such sale/resale and its rights arising from the said retention of title arrangement. Upon our request, purchaser shall inform its customer of such assignment of rights and provide us with the information and documents necessary to enforce our rights. Notwithstanding the foregoing, purchaser shall only be entitled to collect payments from claims arising from such sale/resale if purchaser has saltsified its liabilities to us.

 10.5 in the event that the security interests granted to us exceed the value of

- foregoing, purchaser shall only be entitled to collect payments from claims arising from such sale/resale if purchaser has astisfied its liabilities to us.

 10.5 In the event that the security interests granted to us exceed the value of our claims, we shall, upon request of purchaser, release such security interests as we deem appropriate. The exercise of our right of retention of title may only be regarded additionally as a rescission with our prior consent made in writing.

 11. Force Majeure: Conditions of force majeure shall release us from our delivery and performance obligations. The same release shall apply in cases of shortage of energy or raw material supplies, industrial disputes, governmental decrees, breakdown of transport or of our operations. It shall also apply where our sub-suppliers or affiliates (as defiried in Articles 15 et seqq. of the Stock Corporation Act (AktGj) are affected by any of the above.

 12. Product Information: Unless otherwise agreed in writing, the contractual characteristics of our goods shall be exclusively based on our product specifications in their current version. Any information about properties, durability and other class hall be deemed to be guarantees only if they are agreed and indicated by us as such in written form. Written and verbal information about goods, equipment, plant, applications, processes and process instructions is based on research and everbal information shall not be binding. The aforesaid shall not release purchaser of its obligation to verify the suitability of our goods for the use intended by purchaser. This shall also apply to the protection of third parties' intellectual property rights.

 13. Complaints: All claims, particularly those relation to refersive and editivery. intended by purchaser. T intellectual property rights.
- 13. Complaints: All claims, particularly those relating to defects and delivery shortfalls, must be submitted to us in writing without delay, but not later than 10 days from the delivery of goods or, in the case of latent defects, within 5 days from the date such defect(s) is discovered or should have been discovered through reasonable investigation. If purchaser does not notify us of claims within such time

period or in the agreed form, our goods or services referred to in such non-compliant notice shall be deemed to be delivered or performed in accordance with the contract. If purchaser, knowing of defects, accepts our goods or servi purchaser shall only be entitled to raise a claim for such defects if purchaser reserved such rights in writing at the time of delivery.

14. Rights of Purchaser in Case of Defects:

- 14. Rights of Purchaser in Case of Defects:
 14.1 Purchaser shall have no right to remedies for a defect in our goods or services if the contractually agreed characteristics of the goods and services are only unsubstantially impaired. In the event of justified and rightfully raised defect claims of the delivered goods or services, we reserve the right, solely at our discretion, to either replace or repair the goods or services we shall always be granted reasonable time to provide such replacement or repair. If our repair or replacement fails to remedy the defects, purchaser shall be entitled to either adjust the purchase price respectively or rescind price respectively or rescind.
- 14.2 Furthermore, purchaser may claim pursuant to statutory law damages and refund of its actual out-of-pocket expenses necessary for the purpose of repair or replacement. For the avoidance of doubt, Section 15 shall apply to claims for damages and refund under this Section 14.2.
- ages and return unter this Section 14.2.

 14.3 Claims by purchaser against us pursuant to statutory law can only be e to the extent purchaser has not agreed with its customers on provisions seding the statutory rights in cases of defects.
- 14.4 Notwithstanding Section 14.3, recovery claims by purchaser against us according to § 445a of the Civil Code (BGB) are hereby excluded.

- according to § 445a of the Civil Code (BGB) are hereby excluded.

 15. Liability:

 15.1 We, our legal representatives, employees, and persons employed to perform our obligations shall only be liable for damages and claims for expenses of purchaser, irrespective of the legal basis therefor, whether based on breach of obligations deriving from the contract and/or tort, (i) in the event of intentional misconduct or gross negligence (grobe Fahrlässigkeit) on our part, the part of our legal representatives, employees or persons employed to perform our obligations, or (ii) if the breach of our contractual obligations violates the essence of the contract and purchaser relies, and is entitled to rely, on the fulfilment of such obligations (essential obligations). In the event of slight negligence (eirflache Fahrlässigkeit) in breach of essential obligations, our liability for damages shall be limited to the foreseeable damage typical for a contract of this nature up to £100,000 or twice the invoiced value of the goods or services in question if this value exceeds £100,000.
- 15.2 The aforementioned exclusion or limitation of liability shall not apply in cases of damage to life, body or health, or mandatory liability under the Product Liability Act (ProdHaftG) or in other cases of mandatory liability.
- 16. Time Limits: Purchaser's right to claim for warranty, damages or expenses shall expire 1 year from the commencement of the time limit stipulated by law, except for defect claims in relation to goods that were used appropriately in construction and have caused the building to be defective where the time limit shall be 4 years. The above time limits shall not apply if we have acted intentionally or in cases of damage to life, body or health, mandatory liability under the Product Liability Act (ProdHaftG) or in other cases of mandatory liability.
- 17. Compliance with Statutory Regulations, Export and Customs Regulas, Indemnification, Rescission:
- 17.1 Unless otherwise agreed in written form, purchaser shall be responsible for compliance with statutory and regulatory requirements for the import, transport, storage, use, distribution, and export of the goods. In particular, but not limited to, the purchaser shall not use, sell or otherwise dis-
- In particular, but no limited to, in epidicinase strain <u>Indi</u> use, sen or unrewise uspose of any of the goods for the development or production of biological, chemical or nuclear weapons; for the unlawful manufacture of drugs; in violation of embargoes; in violation of any legal registration or notification requirement; or without having obtained all relevant approvals required under applicable laws and regulations. The purchaser shall indemnify us against, and hold us harmless from, any claims, damages, costs, expenses, liabilities, loss, claims or proceedings whatsoever arising out of, or in connection with, any breach by purchaser of its obligations set forth above. set forth above.
- 17.2 Where a statutory or regulatory approval requirement applies to the export of our goods/services at the time of delivery/performance and such export approval is not granted upon request, we shall be entitled to rescind. Delays in obtaining such approvals by responsible authorities will not result in the right to claim for damages.
- 17.3 We are also entitled to rescind in the event a trade prohibition applies at the time of delivery or in the event a product registration obligation applies and registration at the time of delivery/performance has not been applied for or granted.
- registration at the time of delivery/performance has not been applied for or granted.

 17.4 If the purchased goods are subject to customs preferences due to their preferential origin, we reserve the right to automatically generate and issue all declarations regarding the preferential origin of the goods (supplier's declaration, invoice declaration) without signature. We confirm that the declaration of preferential origin will be issued to the purchaser in accordance with our obligations set forth in Art. 5 par. 3 Council Regulation (EC) No. 1207/2001.

 18. Place of Jurisdiction: If purchaser is a merchant, the exclusive place of jurisdiction shall be our commercial domicile. If we institute legal proceedings against purchaser, we shall also have the option to institute legal proceedings at purchaser's place of jurisdiction (allgemeiner Gerichtsstand).

 19. Applicable Law: The contract and the legal relationship with purchaser shall be governed by the substantive laws of the Federal Republic of Germany and the UN Convention on Contracts for the International Sale of Goods shall not apply.

 20. Trade Terms: If any trade terms have been agreed pursuant to the International Sale of the International Sale of the International Sale of the International Sale of Goods shall not apply.

- 20. Trade Terms: If any trade terms have been agreed pursuant to the International Commercial Terms (INCOTERMS), they shall be interpreted and apply in accordance with INCOTERMS 2010.
- 21. Severability: Should any of these Conditions of Sale be deemed wholly or partly invalid, this shall have no effect on the validity of the remaining terms.

2.1 Delivery service

DELIVERY SERVICE



By delivery service we mean the fulfilment of our customer's wishes with regard to material, delivery date and location. Our delivery periods from receipt of the customer's order to date of shipment, within the agreed loading days, are:

Delivery period

Article	Delivery time
for articles in stock* in standard packaging	1 to 2 workdays
for cut-to-size orders from stock	3 to 5 workdays
for articles not in stock	depending on feedstock, production capacity and quantity ordered

Deviations from the established delivery periods are possible as a result of unforeseen events. Our customers are then notified immediately. * Articles in stock are listed in bold print in the Sales Handbook

NUMBER OF ITEMS PER PALLET



PLEXIGLAS® GS clear, white

Size in mm	Thickness in mm	Number per pallet	c. m²	c. kg net	c. kg gross*	c. exterior dimensions L × W × H in mm
3050 x 2030	2	30	186	442	529	3100 x 2100 x 210
	3	40	248	884	971	3100 × 2100 × 270
	4	30	186	884	971	3100 × 2100 × 270
	5	25	155	921	1.006	3100 × 2100 × 280
	6	20	124	884	971	3100 × 2100 × 270
	8	15	93	884	971	3100 × 2100 × 270
	10	12	74	884	971	3100 × 2100 × 270
	12	10	62	884	971	3100 × 2100 × 270
	15	8	50	884	971	3100 × 2100 × 270
	20	6	37	884	971	3100 × 2100 × 270
	25	5	30	893	980	3120 × 2100 × 280

^{*}The gross weights stated may vary acc. to the moisture content of the wooden pallet.

PLEXIGLAS® GS colored - PLEXIGLAS® Satinice cast acrylic - PLEXIGLAS® LED cast acrylic

Size in mm	Thickness in mm	Number per pallet	c. m²	c. kg net	c. kg gross*	c. exterior dimensions L × W × H in mm
3050 x 2030	3	15	93	332	418	3100 x 2100 x 200
	4	15	93	442	529	3100 × 2100 × 210
	5	15	93	553	640	3100 × 2100 × 230
	6	9	56	398	485	3100 × 2100 × 210
	8	9	56	531	618	3100 × 2100 × 230
	10	9	56	663	750	3100 × 2100 × 240
3000 x 2000	12	5	31	428	515	3120 × 2100 × 210
	15	5	31	536	623	3120 × 2100 × 230
	20	3	19	428	515	3120 × 2100 × 210
	25	3	19	536	623	3120 × 2100 × 230

^{*}The gross weights stated may vary acc. to the moisture content of the wooden pallet.

PLEXIGLAS® Satinice, optimally light diffusing

Size in mm	Thickness in mm	Number per pallet	c. m²	c. kg net	c. kg gross*	c. exterior dimensions L × W × H in mm
3050 x 2050	2	30	188	446	530	3100 x 2100 x 210
	3	20	125	446	530	3100 x 2100 x 210
	4	15	94	446	530	3100 x 2100 x 210
	5	12	75	446	530	3100 x 2100 x 210

 $^{{}^{*}\}mathsf{The}$ gross weights stated may vary acc. to the moisture content of the wooden pallet.

NUMBER OF ITEMS PER PALLET



PLEXIGLAS° XT clear, white, black, UV 100 – PLEXIGLAS° Resist – PLEXIGLAS° Heatstop – PLEXIGLAS° Hi-Gloss, PLEXIGLAS° Optical HC – PLEXIGLAS° LED extruded – PLEXIGLAS° Satinice extruded

Size in mm	Thickness in mm	Number per palett	c. m²	c. kg net	c. kg gross*	c. exterior dimensions L × W × H in mm
3050 × 2050	1.5	80	501	893	980	3100 x 2100 x 270
	2	60	375	893	980	3100 x 2100 x 270
	3	40	250	893	980	3100 x 2100 x 270
	4	30	188	893	980	3100 x 2100 x 270
	5	25	156	930	1.015	3100 x 2100 x 280
	6	20	125	893	980	3100 x 2100 x 270
	8	15	94	893	980	3100 x 2100 x 270
	10	12	75	893	980	3100 x 2100 x 270
	12	10	63	893	980	3100 x 2100 x 270
	15	8	50	893	980	3100 x 2100 x 270
	20	6	38	893	980	3100 x 2100 x 270
	25	5	31	930	1.015	3100 x 2100 x 280

 $[\]boldsymbol{\ast}$ The gross weights stated may vary acc. to the moisture content of the wooden pallet.

PLEXIGLAS® colored

Size in mm	Thickness in mm	Number per palett	c. m²	c. kg net	c. kg gross*	c. exterior dimensions L × W × H in mm
3050 x 2050	3	15	94	335	368	3100 x 2100 x 270

st The gross weights stated may vary acc. to the moisture content of the wooden pallet.

PLEXIGLAS® Reflections

Size in mm	Thickness in mm	Number per palett	ca. m²	ca. kg net	c. kg gross*	c. exterior dimensions L × W × H in mm
3050 x 2050	2	30	119	283	335	3100 x 2100 x 270
	3	30	89	319	370	3100 x 2100 x 270

 $[\]boldsymbol{\ast}$ The gross weights stated may vary acc. to the moisture content of the wooden pallet.

PLEXIGLAS® Textures

Size in mm	Thickness in mm	Number per palett	c. m²	c. kg net	c. kg gross*	c. exterior dimensions L × W × H in mm
2050 x 1650	3	30	101	362	410	2100 x 1700 x 270
2500 x 1650	3	40	165	589	660	2650 x 1700 x 270
3050 x 1650	4	25	126	599	670	3100 x 1700 x 250
	6	20	126	719	790	3100 x 1700 x 270
3050 x 2050	3	20	125	446	530	3100 x 2100 x 210
	4	20	125	595	680	3100 x 2100 x 230
	6	10	63	446	530	3100 x 2100 x 210

 $[\]boldsymbol{\ast}$ The gross weights stated may vary acc. to the moisture content of the wooden pallet.

NUMBER OF ITEMS PER PALLET



Standard pallets of PLEXIGLAS® multi-skin sheets

Size in mm	Number per pallet	c. m²	c. kg net	c. kg gross *	c. exterior dimensions L × W × H in mm
SDP 16/980-64					
2000 x 980	45	88	441	490	2100 x 1100 x 950
2500 x 980	45	110	551	605	2550 x 1100 x 950
3000 x 980	45	132	662	740	3050 x 1100 x 950
3500 x 980	45	154	772	830	3550 x 1100 x 950
4000 x 980	45	176	882	955	4050 x 1100 x 950
5000 x 980	35	172	858	940	5050 x 1100 x 790
6000 x 980	30	176	882	990	6050 x 1100 x 710
7000 x 980	30	206	1.029	1.180	7050 x 1100 x 710
SDP 16/1200-64					
2000 x 1200	45	108	540	590	2100 x 1260 x 950
3000 x 1200	40	144	720	790	3050 x 1250 x 870
4000 x 1200	35	168	840	930	4050 x 1250 x 790
5000 x 1200	30	180	900	990	5050 x 1250 x 710
6000 x 1200	25	180	900	1.020	6050 x 1250 x 630
7000 x 1200	25	210	1.050	1.230	7050 x 1250 x 630
SDP 32/1230-32					
2000 x 1230	20	49	285	330	2100 x 1260 x 870
3000 x 1230	20	74	430	507	3050 x 1250 x 870
3500 x 1230	20	86	499	552	3550 x 1250 x 870
4000 x 1230	20	98	569	633	4050 x 1250 x 870
5000 x 1230	20	123	714	800	5050 x 1250 x 870
6000 x 1230	20	148	859	967	6050 x 1250 x 870
7000 x 1230	20	172	998	1.174	7050 x 1250 x 870

 $[\]boldsymbol{\ast}$ The gross weights stated may vary acc. to the moisture content of the wooden pallet.

NUMBER OF ITEMS PER PALLET



Standard pallets of PLEXIGLAS® corrugated sheets

Size in mm	Number per pallet	c. m²	c. kg net	c. kg gross *	c. exterior dimensions L × W × H in mm
WP 76/18/3					
2000 × 1045	60	125	452	500	2100 × 1100 × 430
2500 × 1045	60	157	564	617	2550 × 1100 × 430
3000 × 1045	60	188	677	735	3150 × 1100 × 430
3500 × 1045	50	183	659	717	3550 × 1100 × 400
4000 × 1045	40	167	602	688	4050 × 1100 × 400
5000 × 1045	30	157	564	662	5050 × 1100 × 340
6000 × 1045	30	188	677	805	6050 × 1100 × 340
7000 × 1045	30	219	790	942	7050 × 1100 × 340
WP 177/51/3					
2500 × 920	50	115	437	497	2550 × 1100 × 430
PLEXIGLAS® RESIST	WP 76/18/1.8, TP 76/18/1	.8			
2000 × 1045	100	209	397	437	2100 × 1100 × 370
2500 × 1045	100	261	496	546	2550 × 1100 × 370
3000 × 1045	100	314	596	656	3150 × 1100 × 370
3500 × 1045	100	366	695	750	3550 × 1100 × 370
4000 × 1045	50	209	397	462	4050 × 1100 × 340
5000 × 1045	50	261	496	576	5050 × 1100 × 340
6000 × 1045	50	314	596	696	6050 × 1100 × 340
7000 × 1045	50	366	695	830	7050 × 1100 × 340

 $^{^{*}}$ The gross weights stated may vary acc. to the moisture content of the wooden pallet.

NUMBER OF ITEMS PER PALLET



Standard packaging of PLEXIGLAS® GS and XT rods

Diameter mm	PLEXIGLAS® GS round rods (Number per pack)	PLEXIGLAS® XT round rods (Number per pack)
2, 3, 4	0	100
5, 6, 8	0	50
10, 12	0	25
15	10	25
20	10	5
25	5	5
30	2	5
35	2	0
40	2	5
50	2	2
60, 70, 100	1	0

^{*}We reserve the right to send small packs on bulk pallets. Intermediate diameters are packed like the next smallest diameter.

4.1 Correct storage of material

STORAGE



PLEXIGLAS® sheets are supplied on pallets designed specially for transporting products of this size and weight. The storage stability of sheets on the delivery pallets is however restricted to a certain period.

The following rules apply

- store in a dry place, indoors
- only stack pallets of the same size
- place them on even surfaces (floor or shelf)

PLEXIGLAS® multi-skin sheets/corrugated sheets are best stored indoors. If stored outdoors, the sheet piles must be completely covered with white polyethylene sheeting. This also applies to opened pallets. If incorrectly stored, the sheets may become damaged, thus posing a risk of crazing after installation.

XT-Tubes

PLEXIGLAS® XT tubes with an outer diameter of 300 mm and more must be stored in a vertical position to prevent deformation due to their inherent weight/volume ratio. Please also observe the storage hints on the exterior packaging and in our Guidelines for Workshop Practice.

5.0 PALLET RETURN

5.1 Measures for pallet return

5.2 Pallet Return Order

5.1 Measures for pallet return

PALLET RETURN



Our time-tested return system means that you can send pallets back after use. This environment-friendly system meets the requirements for recycling of packaging materials.

Returning pallets is free of charge, under the following conditions

- apply for pallet return by means of the provided application form
- give the order for pallet return to the shipping agent together with the pallets
- minimum quantity per return consignment: European countries, full lorry load in each case (at least 12 m loading area) within Germany, 15 pallets

Please exchange Euro-pallets directly with the shipping agent.

5.2 Pallet Return Order

PALLET RETURN



Pallet Return Order		EVONIK
		Evonik Performance Materials GmbH Verpackungsherstellung Riedbahnstraße D-64331 Weiterstadt
Sender: (company stamp)		FAX +49 6151 182472
The following empty collete are ready to be returned immediately.		
The following empty pallets are ready to be returned immediately evonik performance materials gmbh-pallets (number of pallets)		
The state of the s		
SPACE REQUIREMENT ON LORRY IN LOADING METRES 1)		
1) Loading metres = loading length on lorry at a width of 2.43 m and a height	of 2 m).	
Should you have any further questions, please contact the sales clerk responsible.		
Note: Please use the stated capacity to the maximum width and height.		
Minimum quantity for return: 15 empty pallets		
DATE/SIGNATURE		

6.0 ENVIRONMENT AND RECYCLING

6.1 PLEXIGLAS® and the environment PLEXIGLAS® GS/PLEXIGLAS® XT 6.2 Recycling of semifinished products made of PLEXIGLAS® PLEXIGLAS® GS/PLEXIGLAS® XT 6.3 Proposal for marking finished items PLEXIGLAS® GS/PLEXIGLAS® XT

6.1 PLEXIGLAS® and the environment

PLEXIGLAS® GS/PLEXIGLAS® XT

ENVIRONMENT AND RECYCLING



Owing to its material properties, PLEXIGLAS® is primarily intended for the manufacture of durable, highquality articles and less so for products meant to be consumed and disposed of within a short time. Thanks to its resistance to ageing and weathering, PLEXIGLAS® is still fully functional after many years in use and need not be replaced at an early stage. PLEXIGLAS® does not give off any pollutant substances during material adequate fabrication. Special grades of PLEXIGLAS® have long been successfully employed for intraocular lenses, contact lenses and implants. At the end of its product life, PLEXIGLAS® that has been carefully separated from other materials can be used for energy recovery and chemical or physical recycling.

In thermal recycling – if correctly in cinerated – it only releases water (H_2O) and carbon dioxide (CO_2) , i. e. causes no pollutant emissions. As far as this goes, it is superior to fossil fuels, which contain sulphur.

Physical recycling means: extruded PLEXIGLAS® which has been neatly separated and carefully collected can be crushed and reground to be used once more for extrusion moulding. Since this recycling process leaves the original properties of PLEXIGLAS® more or less intact, the products obtained in this second processing step are of the same high quality as the original ones.

Chemical recycling (cracking): is a process in which PLEXIGLAS® is reduced to its original monomer unit of methylmethacrylate, from which new PLEXIGLAS® or methacrylate emulsions, for example, are built. For chemical recycling no distinction need be made between cast and extruded PMMA. Both chemical and physical recycling are ways of once more obtaining highquality material from a high-quality product.

Recycling-steps

Primary recycling refers to the utilisation of scrap, for example, within our plant. For many years now, we have been reclaiming PLEXIGLAS® XT scrap by crushing, regrinding and transferring it to special production processes. PLEXIGLAS® GS, on the other hand, is carefully collected and then handed over to an external company for chemical recycling.

Secondary recycling means that all scrap produced by fabricators is reutilised for some useful purpose. We are able to name companies specialised in the controlled collection and return of material scrap produced by our customers.

If the fabricators themselves are able to collect clean PLEXIGLAS® XT scrap neatly and reliably separated from PLEXIGLAS® GS and other plastics, they may return this material directly to Evonik Performance Materials GmbH, subject to prior agreement.

Tertiary recycling means that parts of PLEXIGLAS® are reutilised at the end of their product life. Of particular importance here is the careful separation of PLEXIGLAS® parts from other materials. The former can then be reclaimed either physically (XT) or chemically (GS/XT). To permit easy identification of PLEXIGLAS® scrap for collection, fabricators are called upon to mark their finished products with the recycling symbol (see "Proposal for marking finished items"). Only PLEXIGLAS® Soundstop XT is marked by Evonik Performance Materials GmbH. Marking of finished parts is the manufacturer's responsibility.

6.2 Recycling of semifinished products made of PLEXIGLAS®

PLEXIGLAS® GS/PLEXIGLAS® XT

ENVIRONMENT AND RECYCLING



For secondary and tertiary recycling we have reached an understanding with the companies, mentioned below, who are also able to recycle impactmodified PLEXIGLAS® Resist according to the regulations.

Special terms have to be agreed upon with these companies from case to case.

Proof of reutilisation, as specified in DIN 54840 "Marking of plastics items", has been furnished by the stated companies, so that the corresponding symbol may be attached to parts intended for reutilisation (see "Proposal for marking finished items").

Utilisation via dealers in chemical substances is regarded as controlled recycling.

Greyland Plastics Ltd

Laurels Road Offenham Evesham Worcs. WR11 5RE, U.K.

Tel.: +44 1386 421422 Fax: +44 1386 421423

John Munroe Acrylics Ltd

69 Weir Road Durnsford Ford Industrial Estate Wimbledon London SW 19 8UG, U.K.

Tel.: +44 181 8790556 Fax: +44 181 8790557

Luxus Ltd

Belvoir Road Fairfield Industrial Estate Louth Lincs LN11 OLQ, U.K.

Tel.: +44 1507 604941 Fax: +44 1507 609154

6.3 Proposal for marking finished items

PLEXIGLAS° GS/PLEXIGLAS° XT

ENVIRONMENT AND RECYCLING



Besides the questions involved in recycling packaging and production residues, the controlled disposal and utilisation of post-consumer waste has become a major discussion topic.

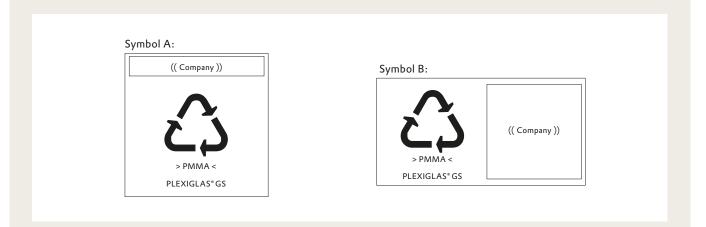
PLEXIGLAS® can be recycled with ease, because as long as it is skilfully used throughout its product life, it does not undergo any major changes in its material properties.

In this context it is, however, important to separate PLEXIGLAS® carefully from other materials and to sort it when- ever possible according to cast and extruded product before handing them over to specialised recycling companies.

Marking of the plastic according to DIN 54840 or DIN 7728 serves for identification and material classification. Marking can be done by stamping, printing or application of a permanent sticker. It must include the "recycling triangle" and the generic product name (PMMA). The trade name PLEXIGLAS® and the name of the manufacturer of the finished item should, however, also be given. The following symbols are recommended:

This type of marking offers the following advantages

- 1) It shows that the company in question is environmentconscious. In future, this will give you the edge on competitors who do not act in the same way.
- 2) The end user is offered a problem solution which he may find so valuable that he will stop arguing about prices.
- 3) The finished items bear the name of their manufacturer, thereby making it more widely known.
- 4) Should the part be returned, it will be easy to identify and categorise.



7.0 COMPLAINTS/DAMAGE DURING TRANSPORT

7.1 Procedure in the event of complaint

7.2 Procedure in the event of damage

7.1 Procedure in the event of complaint

COMPLAINTS/DAMAGE DURING TRANSPORT



Quality

The quality of our products and services is an important component of our strategic position. If errors are nevertheless committed, they are due to human failings.

It is our firm intention and obligation to learn from our mistakes. That is why we do our utmost to establish the cause of any errors or defects, in order to strive for constant quality improvement.

However, so as to ensure prompt handling and answering of your complaint despite the time required for research into the causes, we have compiled a summary of points from our incompany instructions for handling complaints, points to be dealt with by our staff on the spot.

We are convinced that it is useful for all those concerned to have the same up-to-date and detailed information. This will enable you to contribute right from the start to rapid handling of the complaint

Instructions for handling complaints

1. The significance of complaints and objectives of complaint processing

Complaints are a cost factor for both the manufacturer and the purchaser of a product. The main aim is to stop complaints arising through efficient error prevention measures. Should complaints occur, coordinated and rapid action is essential to limit negative consequences, particularly loss of satisfaction, as far as possible. Complaints must be handled with high priority.

2. Receipt and passing on of complaints

Complaints may be made in writing or verbally. The recipient of a complaint must pass it on without delay, if applicable with the relevant sample, to the responsible co-worker in the sales department. The latter is responsible for handling the complaint and for any coordination involved.

3. Minimising damage

All parties concerned (fabricators, stockists, agencies and manufacturer) are urged to take all measures in their power to minimise damage.

4.Information required for prompt processing of complaints

The following are required:

- date of delivery
- order number
- serial number (from the pallet label)
- · invoice number
- number of test certificate, where applicable
- sample of material giving rise to complaint
- value of complaint (potential total value of complaint)
- total value of goods delivered
- · machined state of material

- replacement material required?
- · distribution route
- date of installation or use (copy of invoice)
- quality tests carried out (final test by Evonik Perfor mance Materials GmbH; examination by customer upon receipt of goods)?
- nature or extent of defect/error giving rise to complaint

Hints on cause of complaint

To avoid the recurrence of defects/errors, it is essential to recognize their cause. This makes precise description of the defect/error particularly important. To determine possible causes, the following aspects must be considered:

- · field of application
- conditions of installation
- · environmental conditions
- negative influence of chemical
- correct storage of material (on distribution route/at premises of claimant)
- correct transport of material (to the customer, at the customer's premises)
- correct fabrication or installation of the material
- construction elements with a negative chemical and physical influence
- errors in construction
- · production defects
- faulty instruction/advice
- contributory causes on the user's side or on that of other third parties

5. Handing over the sample of material giving rise to complaint

A sample permitting clear identification of the defect giving rise to complaint should be sent directly to Evonik Performance Materials GmbH by the customer in order to ensure prompt handling. The sample should be of adequate size in relation to the nature of the defect.

6. Order for return

The material giving rise to complaint shall remain with the customer until the complaint has been processed. Only when the complaint has been recognised by Evonik Performance Materials GmbH shall a decision be made about the final destination of the material. If the complaint is recognized in full by a credit note or replacement, the material is to be withdrawn from the market (returned to Weiterstadt or destroyed on the spot).

7.2 Procedure in the event of damage

COMPLAINTS/DAMAGE DURING TRANSPORT



In cases where the recipient does not make claims for damage during transport to his own insurance company or the shipping agent/freight carrier, according to the agreements on transport insurance or the risk of loss (Incoterms), he must submit the following documents concerning the damage to the sender, i. e. Evonik Performance Materials GmbH

1. **The original bill of lading,** including an exact description of the nature and extent of damage during transport, with thedate and signature of the driver of the consignment. General indications on the bill of lading such as "accepted with reservations" are not sufficient.

In the case of damage during transport which is not noticeable externally, the recipient must present the damage to the shipping agent/freight carrier within one week at the latest, hold the former liable and send Evonik Performance Materials GmbH a copy of the letter establishing responsibility together with the original bill of lading.

The reply, **confirmation or recognition** of the shipping agent/freight carrier is to be submitted as soon as received. In the case of rail transport, the railway company must be asked to provide a formal statement of affairs, which is to be submitted. This statement should include the cause and extent of the damage.

- 2. A detailed calculation of damage and residual value
- 3. he **certificate of damage of a claims agent in the case of damage** exceeding 2,500 Euro (addresses can be found in the directory of transport insurers or of the Gerling Group)
- 4. A **declaration from the insurance company** on the transport insurance or the non-insurance of the transport risk by the recipient
- 5. A **subrogation assignment transferring** to Evonik Performance Materials GmbH the claim for damages to the shippingcompany/freight carrier.

8.1 At your disposal world-wide

SUPPLIERS



PLEXIGLAS® distributors worldwide

You can obtain our entire range throughout the world from our distributors.

http://www.plexiglas.net

* = registered trademark

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Certified to DIN EN ISO 9001 (Quality) and DIN EN ISO 14001 (Environment)

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