



Perspex® Brand
Product Guide 2019

Potential.Performance.Perspex®



Perspex[®] Acrylic Sheet - Product Guide

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Standard Leadtime

Make-to-Order Leadtime

Please ask for details of minimum order quantities and lead-times for all Perspex[®] make-to-order / Custom products. If you require a different colour or thickness, all colours can be made to match your personal specifications.

LT % : Light Transmission = 3mm thickness (unless otherwise stated)



PERSPEX® CAST ACRYLIC SHEET - Clear & Opals

Perspex® Clear

Colour Number	Size - mm	LT %	Thickness - mm
000	3050 x 2030	92	2 3 4 5 6 8 10 12 15 20 25
000	2550 x 2030		3 4 5 6 8 10
000	2500 x 1200		1.5
000	2030 x 1520		3 4 5 6 8 10
000	2030 x 1270		3 4 5 6 8 10
000	1250 x 1200	1	

Perspex® Clear Block

Colour Number	Size - mm	LT %	Thickness - mm
000	2000 x 1500	92	30
	2020 x 1290		40 50
	3030 x 2030		30

Perspex® Opals/Whites

Colour Number	Size - mm	LT %	Thickness - mm
1212	3050 x 2030	< 1	3 4 5
069		9	3 4 5 6 8 10 12 15 20*
1T67		21	3 4 5
028		25	3 4 5 8
1T04		30	3 4 5
050		36	3 4 5 6 8 10
040		46	3 4 5 6
030		67	3 4 5 8 10 15

*20mm 3030 x 2030

Perspex® Spectrum LED Opals/Whites

Colour Number	Size - mm	LT %	Thickness - mm
1TL1	3050 x 2030	36	3 4 5
1TL2		48	3 5

Colour Number	Size - mm	LT %	Thickness - mm
1TL1	3050 x 2030	36	6 8 10
1TL2		48	4 6 8 10

If you require a different colour, texture or thickness, please ask us for details of our make-to-order service

PERSPEX® CAST ACRYLIC SHEET - Colours



Perspex® Solid and Translucent Colours

Colour Number	Size - mm	LT%	Thickness - mm
Ivory	133	29	3 5
Yellow	229	19	3 5
	260	19	3 5
	261	29	3 5
	2252	21	3 5
Orange	363	4	3 5
Red	431	3	3 5
	433	2	3 5
	440	3	3 5
	4403	8	3
	4415	6	3 5
Green	650	3	3
	692	21	3
	6205	7	3 5
	6T81	15	3 5
Blue	727	5	3 5
	743	4	3 5
	744	<1	3 5
	750	2	3 5
	751	2	3 5
	7033	8	3
Violet	886	4	3 5
Grey	9981	8	3 5
Black	962*	0	3 4 5 6 8 10 15
	9T30	0	3 5 6 8

* Black 962 - transmits infra-red light.

Perspex® Transparent Colours and Tints

Colour Number	Size - mm	LT%	Thickness - mm
Yellow	2202	87	3
Amber	300	38	3 5
Red	4401	8	3 5
Green	6600	14	3
Glass-Look	6T21	90	3 5 6 8 10
Green	6T22	49	8
Blue	7703	8	3 5
	7704	83	3 5
Neutral	901	61	3 5
	923	14	3 5
	9T13	54	3 5 6 8
	9T20	36	3 5 6 8
	9T56	46	6 8 10 12 15 18*

*18mm 3030 x 2030

If you require a different colour, texture or thickness, please ask us for details of our make-to-order service

PERSPEX® CAST ACRYLIC SHEET - Textures



Perspex® Frost

Colour Number	Size - mm	LT%	Thickness - mm
Crystal Clear	S2 000	85	3 4 5 6 8 10 15*
Polar White	S2 030	60	3 4 5 6 8 10 15*
Citrus Yellow	S2 2T07	75	3
Mandarin Orange	S2 3T17	33	3
Blush Pink	S2 4T46	45	3
Chilli Red	S2 4T50	17	3 5
Glacier Green	S2 6T21	82	3 5 8 10
Azure Blue	S2 7T1F	32	3
Sapphire Blue	S2 7T28	8	3 5
Aurora Violet	S2 7T58	35	3
Electric Blue	S2 7T69	64	3 5
Arctic Blue	S2 7T77	68	3 5
Stone Grey	S2 9T21	38	3
Slate Grey	S2 9T23	13	3

*15mm
3000 x 2000mm

Colour Number	Size - mm	LT %	Thickness - mm
Crystal Clear	S2 000	85	12
Polar White	S2 030	60	12
Opal	S2 040	45	3 4 5 6 8 10 12 15*
Cream	S2 1T28	7	3 4 5 6 8 10 12
Citrus Yellow	S2 2T07	75	4 5 6 8 10 12 15*
Yellow	S2 2T27	78	3 4 5 6 8 10 12 15*
Lemon Sorbet	S2 2T30	34	3 4 5 6 8 10 12
Saffron Yellow	S2 2T53	63	3 4 5 6 8 10 12 15*
Mandarin Orange	S2 3T17	33	4 5 6 8 10 12 15*
Burnt Orange	S2 3T37	31	3 4 5 6 8 10 12 15*
Blush Pink	S2 4T46	45	4 5 6 8 10 12
Chilli Red	S2 4T50	17	4 6 8 10 12
Red	S2 4T57	12	3 4 5 6 8 10
Raspberry Red	S2 4T97	29	3 4 5 6 8 10 12 15*
Sandstone Brown	S2 5T18	54	3 4 5 6 8 10 12 15*
Earth Brown	S2 5T33	10	3 4 5 6 8 10 12 15*
Brown	S2 5T36	10	3 4 5 6
Glacier Green	S2 6T21	82	4 6 12 15*
Emerald Green	S2 6T59	13	3 4 5 6 8 10 12 15*
Green	S2 6T70	11	3 4 5 6
Jade Green	S2 6T7A	45	3 4 5 6 8 10 12 15*
Lime Zest	S2 6T9A	42	3 4 5 6 8 10 2 15*
Azure Blue	S2 7T1F	32	4 5 6 8 10 12 15*
Sapphire Blue	S2 7T28	8	4 6 8 10 12 15*
Aurora Violet	S2 7T58	35	4 5 6 8 10 12 15*
Electric Blue	S2 7T69	64	4 6 8 10 12 15*
Arctic Blue	S2 7T77	68	4 6 8 10 12 15*
Violet Heather	S2 8T14	62	3 4 5 6 8 10 12 15*
Perfect Plum	S2 8T15	20	3 4 5 6 8 10 12 15*
Stone Grey	S2 9T21	38	4 5 6 8 10 12 15*
Slate Grey	S2 9T23	13	4 5 6 8 10 12 15*

*15mm 3000x2000mm

If you require a different colour, texture or thickness, please ask us for details of our make-to-order service



PERSPEX® CAST ACRYLIC SHEET - Textures

Perspex® Silk

Colour Number		Size - mm	LT%	Thickness - mm	
Clear	SK 000	3050 x 2030	91	3	5
Opal/White	SK 040		44	3	

Colour Number		Size - mm	LT %	Thickness - mm			
Opal/White	SK 069	3050 x 2030	9	3	4	5	6
	SK 028		28	3	4	5	6
	SK 1T04		29	3	4	5	6
	SK 050		35	3	4	5	6
	SK 040		44	4	5	6	

Note: Other Perspex® Silk Opal/White variants & Colours are available as made-to-order in 3-6mm

Perspex® Pyramid

Colour Number		Size - mm	LT%	Thickness - mm	
Clear	PY 000	2000 x 1200	84	3	

Note: No other thickness/colours available

Perspex® Impressions Linear

Colour Number		Size - mm	LT %	Thickness - mm	
Clear	P1 000	3050 x 2030	88	3	5
Opal	P1 030		43 (5mm)	3	5
Red	P1 4T1B		13	3	5
Brown	P1 5T23		27	3	5
Glass Look	P1 6T21		86	3	5
Green	P1 6T5C		55	3	5
Violet	P1 8T23		15	3	5
Grey	P1 9T1D		25	3	5
Black	P1 9221		0	3	5

Perspex® Naturals

Colour Number		Size - mm	LT %	Thickness - mm	
Moonlight White	S2 1T41	3050 x 2030	3	3	5
Midnight Black	S2 9221		0	3	5
Mineral Grey	S2 9643		3		

Colour Number		Size - mm	LT %	Thickness - mm			
Moonlight White	S2 1T41	3050 x 2030	3	4	6	8	10
Desert Beige	S2 5268		3	4	5		
Walnut Brown	S2 5269		3	4	5		
Midnight Black	S2 9221		0	4			
Ash Grey	S2 9642		3	4	5		
Mineral Grey	S2 9643		4	5			

Perspex® Sweet Pastels - 1 sided satin finish

Colour Number		Size - mm	LT %	Thickness - mm	
Lemon Bonbon	SA 2170	3050 x 2030	0	3	
Orange Fizz	SA 3143			3	
Raspberry Sherbet	SA 4274			3	
Spearmint Green	SA 6382			3	
Candy Floss Blue	SA 7489			3	
Bubblegum Blue	SA 7490			3	
Parma Violet	SA 7562			3	
Sour Grape	SA 7563			3	

If you require a different colour or thickness, please ask us for details of our make-to-order service



PERSPEX® CAST ACRYLIC SHEET - Effects

*Products on this page are NOT suitable for outdoor applications.

Perspex® Fluorescent

Colour Number		Size - mm	LT %	Thickness - mm	
Helios Yellow	2T51	3050 x 2030	76	3	5
Lava Orange	3T19		27	3	5
Mars Red	4T56		12	3	5
Acid Green	6T66		86	3	5
Neptune Blue	7T97		74	3	5

Colour Number		Size - mm	LT %	Thickness - mm				
Celestial Blue	021	3050 x 2030	92	3	5	6	8	10
Helios Yellow	2T51		76		6	8	10	
Lava Orange	3T19		27		6	8	10	
Mars Red	4T56		12		6	8	10	
Acid Green	6T66		86		6	8	10	
Neptune Blue	7T97		74		6	8	10	

Note: Perspex® Fluorescent Frost available via our make-to-order service

Perspex® Vario

Colour Number		Size - mm	LT %	Thickness - mm			
Tropical Yellow	2T45	3050 x 2030	91	5	6	8	10
Caribbean Peach	3T31		88	5	6	8	10
Honolulu Pink	4T87		84	5	6	8	10
Lagoon Green	6T95		89	5	6	8	10
Cascade Blue	7T5D		86	5	6	8	10
Passion Flower Violet	8T10		85	5	6	8	10

Perspex® Metropolitan

Colour Number		Size - mm	LT %	Thickness - mm				
Moscow White	1T80	3050 x 2030	91	3	5	6	8	10
Tokyo Brown	5T48		84	3	5	6	8	10
London Grey	9T3C		88	3	5	6	8	10
Manhattan Black	9T4C		80	3	5	6	8	10

Perspex® Royals

Colour Number		Size - mm	LT %	Thickness - mm	
King Henry Red	SK 4PY2	3050 x 2030	<1	3	
Queen Marie Gold	SK 5PY8			3	
Queen Isabella Green	SK 6PY0			3	
Queen Elizabeth Blue	SK 7PY0			3	
King George Purple	SK 8PY0			3	
King Louis Silver	SK 9PY5			3	

If you require a different colour, texture or thickness, please ask us for details of our make-to-order service



PERSPEX® CAST ACRYLIC SHEET - Effects

Perspex® Glass Look

Colour Number	Size - mm	LT%	Thickness - mm
Gloss Finish Matt Finish	6T21 S2 6T21	90 82	3 5 6 8 10 3 5 8 10

Colour Number	Size - mm	LT%	Thickness - mm
Impressions Linear	P1 6T21	86	5

Perspex® Pearlescent

Colour Number	Size - mm	LT%	Thickness - mm
Pearl Platinum	1PY1 9PY2	20 5	3 3

Colour Number	Size - mm	LT%	Thickness - mm
Pearl Candy Caramel Gold Azure Platinum	1PY1 4PY5 5PY0 7PY3 9PY2	20 6 2 8 5	3 3 4 5 6 3 4 5 6 3 4 5 6 4 5 6

Perspex® Sparkle

Colour Number	Size - mm	LT%	Thickness - mm
Scintillating Red Flamboyant Brown Entrancing Green Glittering Blue Gleaming Violet Shimmering Black	4SP0 5SP0 6SP0 7SP0 8SP0 9SP0	3050 x 2030 0	4 5 6 8 10 4 5 6 8 10 4 5 6 8 10 4 5 6 8 10 4 5 6 8 10 4 5 6 8 10

Perspex® Duo

Grade	Size - mm	LT%	Thickness - mm
Gold Silver	5YY9 9YY1	2030 x 1270 0	3 3

Note: available in 3mm only, and in specified colours

Perspex® Coral

Grade	Size - mm	LT%	Thickness - mm
Pink Cream Green Pale blue Deep violet Black / Silver	4CL2 5CL2 6CL3 7CL1 7CL3 9CLO	3050 x 2030 0	10 10 10 10 10 10

If you require a different colour or thickness, please ask us for details of our make-to-order service



PERSPEX® CAST ACRYLIC SHEET - Optimised Performance

Perspex® Impact Modified (Cast IM)

Colour Number	Size - mm	LT%	Thickness - mm
Clear	0M14	3050 x 2030	92
			3 4 5

Note: A wide range of Colour options are available.

UV Absorbing grades

Colour Number	Size - mm	LT%	Thickness - mm
Clear	VA 004	3050 x 2030	92
Clear	VE 003		92
Opal/White	VE 031		67
			3 4 5

Perspex® Forte

Colour Number	Size - mm	LT%	Thickness - mm
Most standard and custom range colours	3050 x 2030	—	3 4 5 6 8 10

Easy Machining Grade

Colour Number	Size - mm	LT%	Thickness - mm
Neutral	9H04	3050 x 2030	35
			8 10 12

Colour Number	Size - mm	LT%	Thickness - mm
Clear	0H00	3050 x 2030	92
Opal	1H01		34
Green	6H01, 6H02, 6H22		40, 3, 49,
Neutral	9H02, 9H03, 9H05, 9H07		13, 14, 59, 39
			8 10 12

Machine Enclosure (ME)

Colour Number	Size - mm	LT%	Thickness - mm
Clear	ME 008	3050 x 2030	92
			12

Perspex® Vision

Colour Number	Size - mm	LT%	Thickness - mm
Perspex® Clear Vision	1RP0	3050 x 2030	91
Perspex® Hi Vision	S2 9RP0		31
Perspex® Hi Vision	S2 9RP3		11
Perspex® Hi Vision	S2 9RP2		23
			3 5

If you require a different colour or thickness, please ask us for details of our make-to-order service



PERSPEX® CAST ACRYLIC SHEET - Light

These products are specially designed and optimised for use with LED's in edge lit and backlit luminaires.

Perspex® Edge

Colour Number	Optimised for Panel Width (mm)	Size - mm	LT% (4mm)	Thickness - mm
E03B		~300		4 5 6
E06B	Double Sided	~600	2550 x 1800 See note*	4 5 6
E09B	Gloss Finish	~900		4
E12B		~1200		4

Colour Number	Optimised for Panel Width (mm)	Size - mm	LT% (4mm)	Thickness - mm
E09B	Double Sided	~900	2550 x 1800 See note*	5 6
E12B	Gloss Finish	~1200		5 6

*Please contact us for more information on light transmissions for use in edge illuminated light guide applications.

Perspex® Diffuse

Colour Number	Finish	Size - mm	LT%	Thickness - mm
Opal D2 DF60	Double Sided Matt	3050 x 2030	60	2.5
Opal D2 DF70			70	2.5
Opal D2 DF80			80	2 2.5
Opal D2 DF90			90	2.5

Colour Number	Finish	Size - mm	LT%	Thickness - mm
Opal D2 DF60	Double Sided Matt	3050 x 2030	60	2 3 4 5 6 8 10
Opal D2 DF70			70	2 3 4 5 6 8 10
Opal D2 DF80			80	3 4 5 6 8 10
Opal D2 DF90			90	2 3 4 5 6 8 10

Perspex® Reflect

Colour Number	Finish	Size - mm	LT%	Thickness - mm
Opal 1T8A	Double Sided Gloss	3050 x 2030	4	2.5
Opal SA 1T8A	Matt / Gloss			2.5

Colour Number	Finish	Size - mm	LT%	Thickness - mm
Opal 1T8A	Double Sided Gloss	3050 x 2030	4	3 4 5 6 8 10
Opal SA 1T8A	Matt / Gloss			3 4 5 6 8 10

If you require a different colour, texture or thickness, please ask us for details of our make-to-order service.

PERSPEX® CAST ACRYLIC SHEET - Illumination

Perspex® Illumination

These products are optimised for use with LEDS in visual communication & signage applications



Edge Lighting

Range		Sign Size	Size* - mm	LT%	Thickness - mm
G-Lux Double Sided Gloss Finish	G005	X small <300	3050 x 2030	See note**	4
	G015	Small <800			6
	G025	Medium >700 to <1200			6
	G035	Large >1000 to <1500			8
S-Lux Matt / Gloss Finish	SL 000	Medium >700 to <1200			8 10
		Large >1000 to <1500			8 10

Range		Sign Size	Size* - mm	LT%	Thickness - mm
G-Lux Double Sided Gloss Finish	G005	X small <300	3050 x 2030	See note**	6
	G025	Medium >700 to <1200			8
	G035	Large >1000 to <1500			6 10
S-Lux Matt / Gloss Finish	SL 000	X small <300			5 6
		Small <800			6
		Large >1000 to <1500			12

*If you require a different Sheet Size, please ask for details.

**Please contact us for more information on light transmissions for use in edge illuminated light guide applications.

Backlit Diffusion

Range		Colour Number	Size - mm	LT%	Thickness - mm
Spectrum LED Double Sided Gloss Finish	3050 x 2030	1TL1 Opal	3050 x 2030	36	3 4 5
		1TL2 Opal		48	3 5
		2TL1 Yellow		22	3
		2TL2 Yellow		30	3
		3TL1 Orange		13	3
		4TL1 Pink		8	3
		4TL2 Red		5	3
		4TL3 Red		6	3
		6TL1 Green		15	3
		6TL2 Green		13	3
		7TL1 Blue	6	3	
Secret Sign (Single Satin)		SA 9T25 Black/White	3050 x 2030	16	3

Range		Colour Number	Size - mm	LT%	Thickness - mm
Spectrum LED Double Sided Gloss Finish	3050 x 2030	1TL1 Opal	3050 x 2030	36	6 8 10
		1TL2 Opal		48	4 6 8 10
		2TL1 Yellow		22	4 5 6 8 10
		2TL2 Yellow		30	4 5 6 8 10
		2TL3 Yellow		22	3 4 5 6 8 10
		3TL1 Orange		13	4 5 6 8 10
		4TL1 Pink		8	4 5 6 8 10
		4TL2 Red		5	4 5 6 8 10
		4TL3 Red		6	4 5 6 8 10
		6TL1 Green		15	4 5 6 8 10
		6TL2 Green	13	4 5 6 8 10	
		7TL1 Blue	6	4 5 6 8 10	
Secret Sign 1 sided satin finish	3050 x 2030	SA 4T25 Black/Red	3050 x 2030	3	3 4 5 6
		SA 6T25 Black/Green		2	3 4 5 6
		SA 7T25 Black/Blue		4	3 4 5 6
		SA 9T25 Black/White		16	4 5 6
		SA 9TL1 Black/Multi-colour		17	3 4 5 6

LED Integrated

Range		Colour Number	Size - mm	LT %	Thickness - mm
Spectrum LED Block Double Sided Gloss Finish	Opal/White 1T77		2000 x 1500	35	30
			3030 x 2030		20 30
			3050 x 2030		10 15

If you require a different colour, texture or thickness, please ask us for details of our make-to-order service.



PERSPEX® CONTINUOUS CAST ACRYLIC SHEET

Perspex® CC

Colour Number		Size - mm	LT %	Thickness - mm						
Clear	D001	2763 x 2050	92	2	3	4	5	6	8	10
		3500 x 2400		4	5	6	8	10		
		3500 x 2763*		4	5	6	8	10		

*Please ask for further details on special transport requirements

Colour Number		Size - mm	LT%	Thickness - mm						
Clear	L001	2763 x 2050	92	2	3	4	5	6	8	10
White	D402		9	3	4	5	6	8	10	
Dense Black	D502		<1	3	4	5	6	8	10	

If you require a different colour, size or thickness, please ask us for details of our make-to-order service.



PERSPEX® EXTRUDED ACRYLIC SHEET

PERSPEX® EXTRUDED ACRYLIC SHEET

Perspex® XT Clear

Colour Number	Size - mm	LT %	Thickness - mm									
Clear 0X00	3050 x 2050*	92	2	3	4	5	6	8	10	12	15	20

Perspex® Clear Anti-Reflective

Colour Number	Size - mm	LT %	Thickness - mm	
AR 0X00	3050 x 2050*	92	2	3

If you require a different colour, texture or thickness, please ask us for details of our make-to-order service.

*Other sheet sizes available upon request.

Perspex® Opals/Whites & Tints

Colour Number	LT%	Size - mm	Thickness - mm			
Opal/White 1X10 (similar to 028)	29	3050 x 2050	2	3	4	5

Colour Number	LT%	Size - mm	Thickness - mm			
Opal/White 1X09 (similar to 069)	9	3050 x 2050	3	4	5	6
Opal/White 1X20 (similar to 050)	37		3	4	5	6
Opal/White 1X30 (similar to 040)	43		3	4	5	6
Opal/White 1X70 (similar to 030)	87		3	4	5	6
Glass-Look 6X21	90		3	4	5	6
Bronze 9X52	56		3	4	5	6
Smoke Grey 9X91	19		3	4	5	6

Perspex® Mirror

Colour Number	LT%	Size - mm	Thickness - mm	
Mirror 5507	0	2000 x 1500	3	

Perspex® XT IM

Grade	Colour Number	LT%	Size - mm	Thickness - mm
IM60	Clear 0D00	89	3050 x 2050	3
	Opal/White 1D10	28	3050 x 2050	3

Grade	Colour Number	LT%	Size - mm	Thickness - mm		
IM60	Clear 0D00	89	3050 x 2050	4	5	6
	Opal/White 1D10	28	3050 x 2050	4	5	6

If you require a different thickness, please ask us for details of our make-to-order service.

Please ask for details of minimum order quantities and lead-times



Perspex[®] Brand

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PERSPEX



INTERNATIONAL

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