



L.S.Touch Non Glare Glass

L.S.Touch is a non-glare glass with a high resolution and presenting an outstanding anti-flickering behavior. It is well suited for covers for Information Displays including touch panels and tablet PC



The use of a textured surface in front of a display allows suppressing inconvenient reflections of the display. It gives furthermore a paper-like feeling when using a pen and meets all quality requirements such as good resolution, contrast and flickering (sparkling) of the image.

Product description

L.S. Touch glass is the result of chemically etching of 1 or 2 sides of the glass surface.

The LS Touch glass has the desirable advantage of combining good anti-glare properties without deteriorating the transmission properties of the glass like the resolution, clarity or haziness. Moreover, the LS Touch presents very low flickering (sparkling) when put in contact with a display.

Product range

There are 2 different levels of anti-glare included in our standard product range i.e. gloss 85 and 100. Each gloss level can be obtained in a one side etched version or with both sides etched.

The L.S.Touch is available in thicknesses ranging from 0.4 mm to 3 mm. Other thicknesses may be available upon request.



Processing Choices

The substrates can be further cut into specific sizes, have their edges ground, or be chemically strengthened against breakage.

Automatic Production

Glaverbel Vertec has its fully automated production line in MOL, BELGIUM. It is a facility equipped with cutting edge technology mindful of environmental protection.

Custom Design

If customers require other gloss levels to fully meet the needs of their applications, Glaverbel is prepared to discuss on a custom design base. The gloss value, given by the degree of surface roughening, can be adapted in our

process to fully meet the customer's needs.

Specifications

Product	# of sides etched	gloss	clarity	resolution	haze
LST 1 gloss 85	1	85 ± 5	> 60 %	> 4 lines/mm	< 4 %
LST 2 gloss 85	2	85 ± 5	> 62 %	> 4 lines/mm	< 4 %
LST 1 gloss 100	1	100 ± 5	> 70 %	> 4 lines/mm	< 3 %
LST 2 gloss 100	2	100 ± 5	> 75 %	> 4 lines/mm	< 3 %
Measuring method		Novogloss	Gardner Haze Guard Plus meter	NBS 1963A	Gardner Haze Guard Plus meter

Etch uniformity	no streaking nor brush marks no untreated spots
Punctual defects (opaque or translucent)	No defects allowed with diameter > 500 µm

Available sizes and finishing

Glass thickness	0.40 till 3.00 mm (0.016" till 0.118")
Maximum sizes (jumbo sheets)	3 meter x 1.5 meter (118" x 59")
Edge Grinding	C-profile 3 dubs 1.5 ± 0.5 mm 1 corner cut 2 x 5 ± 1 mm
Ground edged sizes ⁽¹⁾	Std 9" x 12" till 18" x 23" typically Bigger sizes Available on request
Clean cut sizes ⁽¹⁾	Std 150x50 cm (59"x20") typically Bigger sizes Available on request

⁽¹⁾ other sizes on request

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