TEGLA® NFT
FOR DISPLAY APPLICATIONS

Anti-reflective, optimized for touch, rigid

TEGLA® NFT

Our unique etching technique structures the glass surface giving TEGLA® NFT glass its functional versatility and makes it an ideal cover glass for display applications.

Applications
TEGLA® NFT is used for ticket machines, navigation systems, touch screens in medical technology and other industrial applications.

Processing
TEGLA® NFT glass can be processed like any untreated glass. Processes such as cutting, bending, drilling, edge grinding, chemical or thermal strengthening, printing (organic or ceramic) or even coatings are possible.

TEGLA® NFT glass can be processed to tempered safety glass (thermal), semitempered glass (thermal) or laminated safety glass.

Key Functions

Anti-reflex (AR)
· Covers a wide area of viewing angles
· Minimizes reflection by light scattering

Haptics
· Frictional resistance much lower with etched glass
· Precise control of touch systems
· More precise contact avoids dull surfaces

Robustness/Toughness
· Contaminations such as fingerprints
  are significantly reduced
· Easy to clean effect by surface structure, no coating
· Resistant against most commercial cleaning agents
· Superior scratch resistance

Our Strengths Are Your Benefits
· Individual customer design
· Fast and reliable order processing
· Packaging optimized to customer requirements

Spezifications

Gloss value (Europe 20°)*	GW 45	GW 50	GW 65
Gloss value (US-Gloss 60°)*	GL 70	GL 85	GL 100
Structuring	single sided/double sided	single sided/double sided	single sided/double sided
Applications area	outdoor application	outdoor-/indoor applications	indoor application

Technical data (typical value single side etched)

Distinctness of reflected image (DOI)	25 %	50 %	70 %
Residual reflection	1,2	2	2,8
Clarity	60%	70%	80%
Haze	4%	3%	2%
Roughness Rz (µm)	1,45	1,25	1,05
Interaction with display, sparkling	9 %	9%	9%

Standard size*	Standard glass thickness*
1.600 x 1.020 mm	1,6/2,0/3,0/4,0/5,0 mm
1.600 x 640 mm	1,6/2,0/3,0/4,0/5,0 mm

*other thicknesses, sizes and gloss values on request