



BG-Nonflex.

Precision structured glass surface.

Single sided precision structured glass surfaces for customer specified applications.



BERLINER GLAS
Technical Glass

Surface Technology

BERLINER GLAS GROUP

BG-Nonflex.

Individual surface structure

BG-Nonflex glass is available with customer defined structures and roughness requirements and is determined by specific applications. Incident light is scattered by diffuse. **BG-Nonflex** glass is used in a wide variety of technical fields including the automotive industry.

Durable resistance

BG-Nonflex glass has a durable, resistant and completely unreactive surface. Fingerprints and other contaminants are considerably less visible and a lot less problematic to remove when compared with anti-reflective coated glass.

Innovative production process

BG-Nonflex glass is manufactured in a high throughput diving cage etching process. The etching tool is designed specifically for our products and meets the most stringent environmental requirements of ISO 14001. We are also certified according to ISO 9001 and have an OHRIS ISO 18000 certified safety management system.

Highest quality standards

Our measurement procedures ensure consistent quality even with large quantities. In addition to a permanent processes and production monitoring, final inspection with high-precision measurement systems is performed. On request, detailed test reports are created and supplied.

Packaging

Packaging is done with paper liner, depending on size and number of pieces in cardboard boxes (at 30 sqm or 60 sqm) or L- or A-frame.

The minimum order quantity is 200 sqm, dispensing of small quantities for extra charge.

Technical data

Glass thickness	0.55 - 0.85 mm	1.0 - 1.3 mm	1.6 - 8.0 mm
Size	300 x 300 - 540 x 1,450 mm	300 x 300 - 620 x 1,600 mm	300 x 300 - 1,250 x 2,130 mm
Gloss value (Europe 20°)	GW 1 - 130 (± 10)		
Gloss value (US-Gloss 60°)	GL 20 - 150 (± 10)		
Transmission	Tvis up to 92 %		
Resolution	better than 2:2 / 4.50 lines per millimeter		



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