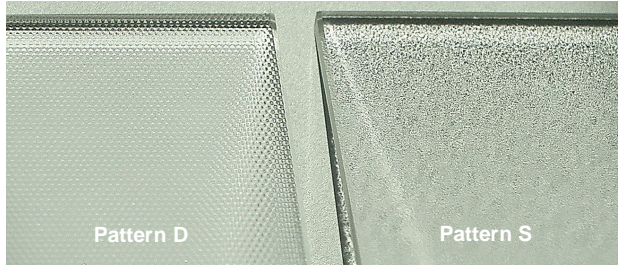


Product description

/// T – SAFE Solar Pattern is a low iron oxide glass that is produced according to the latest information in glass production. Produced in pattern glass process it features a magnificent surface quality and a very high transmission. Used as cover glass for solar collectors or PV modules, high energy efficiency is achievable.

We supply **/// T-Safe Solar Pattern** in thicknesses of 3 to 5 mm. The glass can be tempered, according to international relevant standards.

Technical data	
Production	pattern glass process (rolled glass)
Surface	
Thickness	3 – 5 mm
Thickness tolerance	± 0.2 mm
Maximum size	2250 x 3500 mm
Tempering	According to EN 12150 (other standards on request))
Density	2.5 kg / sqm / mm thickness
Thermal expansion	$9 \times 10^{-6} \text{ K}^{-1}$
Thermal conductivity	1.06 W / (m K)
Flatness (tempered)	Local bow: ≤ 0.3 mm / 300 mm Overall bow: ≤ 0.2%
Optical Properties	ISO 9050
Transmission T _{sol} (AM 1.5)	91.4%
Transmission T _{vis} (D65)	91.3%
SPF – Classification	U1
Iron Content	≤ 100 ppm
Photodegradation factor	1.001

All Data for 3.2 mm pattern S. Technical data can be subject to fluctuations, e.g. through different spectrometers or different production batches.

The stated characteristics and specifications are in accordance with our today's state of knowledge and are based on experiences, measurements or manufacturers' data. Not all technical specifications have been verified resp. are subject to continually checks on our part.