

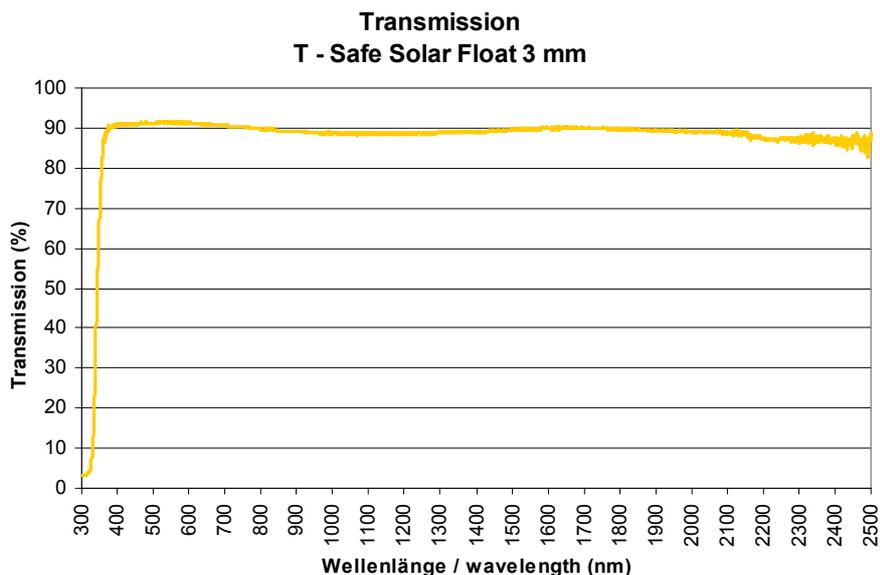
Product description

/// **T-Safe Solar Float** is a low iron oxide glass that is produced in the float process according to the latest knowledge in glass production. It features an excellent surface quality and a very high transmission. Used as cover glass for solar collectors, high energy efficiency is achievable.

/// **T-Safe Solar Float** can be offered in thicknesses of 3, 3.2 and 4 mm (other thicknesses on request). It can be transformed to fully toughened glass, semi toughened glass as well as laminated glass. Solar Float can be used as a substrat for surface coatings (anti-reflective coatings or etching).

Technical data	
Production	float glass
Surface	smooth, clear
Thickness	3, 3.2 and 4 mm (other thicknesses on request)
Tempering	according to EN 12150 (other standards on request)
Compression strength	700 N/mm ²
Bending strength	120 N/mm ² (thermally toughened)
Density	2.5 kg / sqm / mm thickness
Thermal expansion	9 x 10 ⁻⁶ K ⁻¹
Optical properties	ISO 9050 / EN 410
Transmission T _{sol} (AM 1.5 / AM 1)	90.0%
Transmission T _{vis} (D65)	91.3%

Facts for glass thickness of 3 mm. 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.