





FLEXINITY[®] connect

SCHOTT's innovative structuring portfolio expansion for the advanced packaging industry

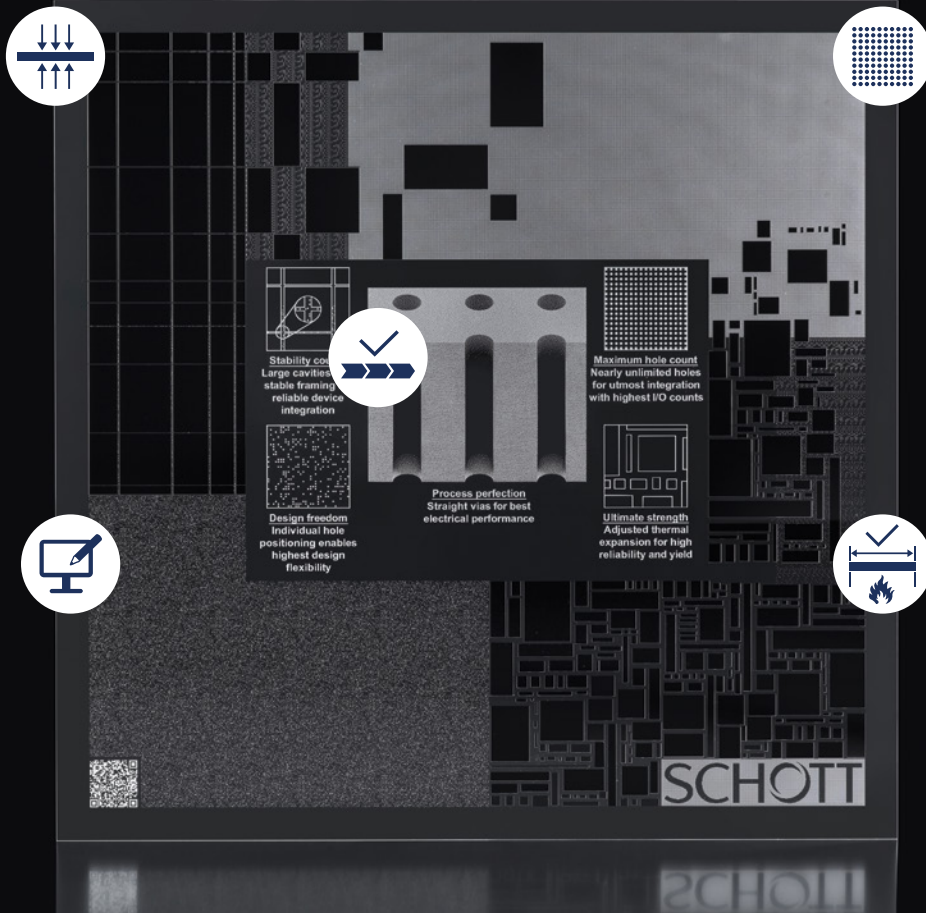
With FLEXINITY[®] connect, SCHOTT is expanding its FLEXINITY[®] portfolio towards small dimensions in combination with highest amounts of structured holes. The availability of several glass formats in a wide range of thicknesses enables SCHOTT to provide customized solutions for a vast variety of applications.

Specifications FLEXINITY[®] connect

Structures		Layouts	
Thickness range	~ 0.1 – 1.0 mm	Structuring form	Round
Structuring radius (r)	Down to 25 µm	Position	Flexible
Format	Max. 600 mm in diameter  	Form volume shape	Straight
Position tolerance	Down to ± 3 µm*	Type	Through hole
Amount of holes	Up to 1000 holes per sec.*	* Depending on design ** Other materials under evaluation	

Material range**

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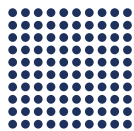


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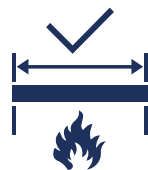
Triggered by the advanced packaging industry SCHOTT continuously develops its structuring portfolio towards even more extreme structuring elements such as an ultra small hole radius down to 25 µm and ultra wide panel formats.



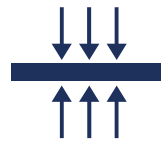
Design freedom
Individual hole positioning enables highest design flexibility.



Millions of holes*
Nearly unlimited holes for utmost integration with highest I/O counts.



Improved reliability
Adjusted thermal expansion for high reliability and yield.



Increased stability
Large cavities with stable framing for reliable device integration.



Process readiness
Straight vias for best electrical performance.

* Depending on design

