



**Your Innovative Partner  
for the Warm Edge!**



TECHNOFORM **GLASSINSULATION**

# Your Innovative Partner for the Warm Edge



*“And there is nothing new happening under the sun”*

*That's what you think!*

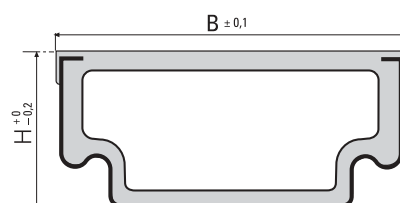


Available standard widths

## The company

Technoform Glass Insulation GmbH, a member company of the German Technoform-group, is specialised in the design, development, production and sale of spacers for insulating glass units.

Always on the lookout for new opportunities to improve insulation quality in and around the window, Technoform Glass Insulation has become a competent partner for architects, float glass manufacturers, glass coaters, insulating glass manufacturers, window fabricators, consumers and anybody who values energy efficiency.



| Article               | Dimension B | Dimension H |
|-----------------------|-------------|-------------|
| TGI-Box-Spacer 8 mm   | 7,5 mm      | 7 mm        |
| TGI-Wave-Spacer 10 mm | 9,5 mm      | 7 mm        |
| TGI-Wave-Spacer 12 mm | 11,5 mm     | 7 mm        |
| TGI-Wave-Spacer 14 mm | 13,5 mm     | 7 mm        |
| TGI-Wave-Spacer 15 mm | 14,5 mm     | 7 mm        |
| TGI-Wave-Spacer 16 mm | 15,5 mm     | 7 mm        |
| TGI-Wave-Spacer 18 mm | 17,5 mm     | 7 mm        |
| TGI-Wave-Spacer 20 mm | 19,5 mm     | 7 mm        |
| TGI-Wave-Spacer 22 mm | 21,5 mm     | 7 mm        |
| TGI-Wave-Spacer 24 mm | 23,5 mm     | 7 mm        |

## The product

TGI-spacers are manufactured of stainless steel combined with a high quality plastic polypropylene as a strengthening and insulating material due to its low heat conductivity.

The perfect symbiosis of both materials allows only a very low heat transfer while guaranteeing high tightness against gas leakage and humidity. Thus Technoform has designed a spacer for the “warm edge”, which offers low Psi-values for the glass edge, whatever frame material is used. The result is a significant improvement in the thermal transmittance coefficient of windows  $U_w$ -value.

**TGI-spacers are tested according to European standard EN1279 part 2 and part 3.**

Therefore high quality and safety are guaranteed for the production of insulating glass units.

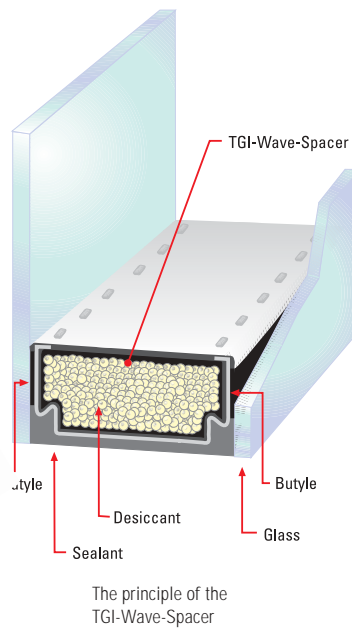
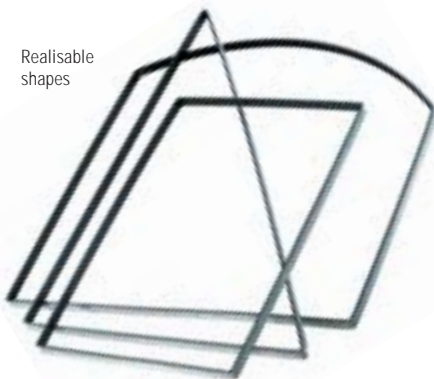




### The processing

TGI-spacers are bendable and processable on all standard bending machines. Whether angular or round, any shape is possible.

Realisable shapes



### The advantages

- Low heat conductivity resulting in very good insulation properties
- Distinctly improved  $U_w$  values.
- Higher surface temperatures of the inside glass edge
- Large reduction of condensation and mould
- Significant reduction in air circulation near the window
- Good adhesion for butyl wire and sealant material due to the mineral surface of the metal film
- Excellent optical characteristics

The desiccant needs to be filled after bending. TGI offers its own specially developed and optimally adapted connector.

TGI-spacers are available in the widths 8, 10, 12, 14, 15, 16, 18, 20, 22 and 24mm. Different colours (RAL 8003, RAL 8016, RAL 9005, RAL 7035, RAL 7040) are available.





# Getting to Technoform Glass Insulation



## TECHNOFORM GLASSINSULATION

Technoform Glass Insulation GmbH  
Dormannweg 48, 34123 Kassel, Germany  
Phone +49 561-9 58 31 00, Fax +49 561-9 58 31 21  
info@glassinsulation.de, www.glassinsulation.de

