# ****Product description****

**Warm edge spacer SWISSPACER Ultimate**

* Polymer SAN spacer with 35% glass fibre content and high-tech gas barrier foil
* Equivalent thermal conductivity (in accordance with ift guideline WA-17/1): **λ = 0.14 W/mK**
* **Available in a total of 17 RAL-like colours**
RAL: 9023, 9005, 9016, 5003, 8003, 8014, 1016, 6018, 6026, 7013, 1011, 1034, 6010, 1015, 1001, 7035 or 8012

# Performance description

**Can be used in multi-pane insulating glass units in accordance with DIN EN 1279**

* Example structures of multi-pane insulating glass units with SWISSPACER Ultimate:
1. Double-sheet insulating glass (6 – 16 Ar – 6): Ug = 1.1 W/m²K
2. Triple-sheet insulating glass (6 – 12 Ar – 4 – 12 Ar – 6): Ug = 0.7 W/m²K

**Physical values or Psi values (W/mK) for multi-pane insulating glass units with SWISSPACER Ultimate depending on the façade profiles**

* Representative linear thermal conductivity coefficients (representative Psi values) as defined in ifa guideline WA-22/1 “Thermally improved spacers – Part 3: Determination of the representative Psi value for façade profiles”

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| Extract from datasheet Psi values façade profiles (May 2016 – No. CW19 – Revision index 3-06/2021 – valid until June 30th, 2023)© Arbeitskreis Warme Kante / BF Bundesverband Flachglas |

# Product alternative

**Warm edge spacer SWISSPACER Advance**

* Polymer SAN spacer with 35% glass fibre content and thermally improved aluminium foil
* Equivalent thermal conductivity (in accordance with ift guideline WA-17/1): **λ = 0.29 W/mK**
* **Available in a total of 17 RAL-like colours**RAL 9023, 9005, 9016, 5003, 8003, 8014, 1016, 6018, 6026, 7013, 1011, 1034, 6010, 1015, 1001, 7035 or 8012

# Complementary product

**SWISSPACER AIR for the permanent pressure equalisation of insulating glass units**

* The SWISSPACER AIR is a metal sleeve with an integrated special membrane. SWISSPACER AIR was developed as a permanent pressure equaliser in order to be able to transport multi-pane insulating glass units over differences in height and to minimize the distortions of the glass panes due to the climatic loads.
* Technical Approval (DIBt) No. Z-70.4-249 of 11 March 2019 for: Pressure‑equalising multi-pane insulating glass units with Swisspacer Air pressure relief valve

# Manufacturer

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