

# Custom Made Solutions

We provide customized thermal break solutions to meet our customers' needs. Our team designs and manufactures tailored thermal breaks for their newly developed door, window, and facade systems.



ONLINE CATALOG



You can access our standard thermal breaks catalog online by scanning the QR code provided.

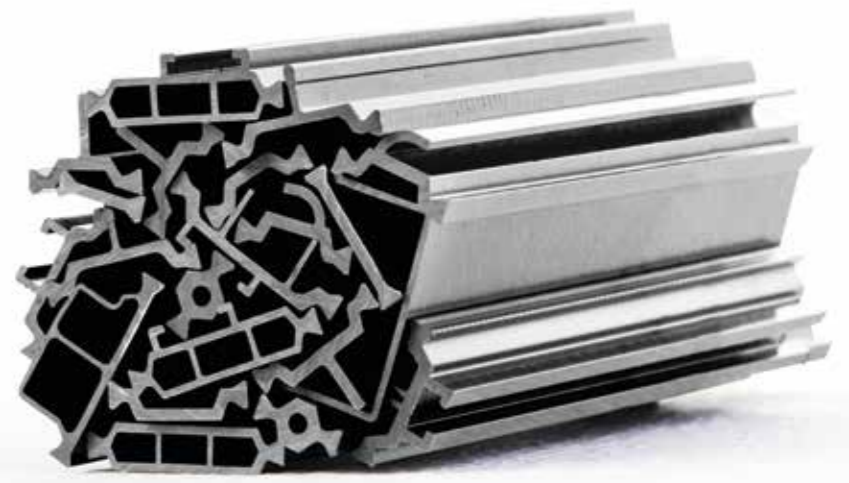


GLOBAL TPE SEALING SOLUTIONS

# CNT ThermalBreaks

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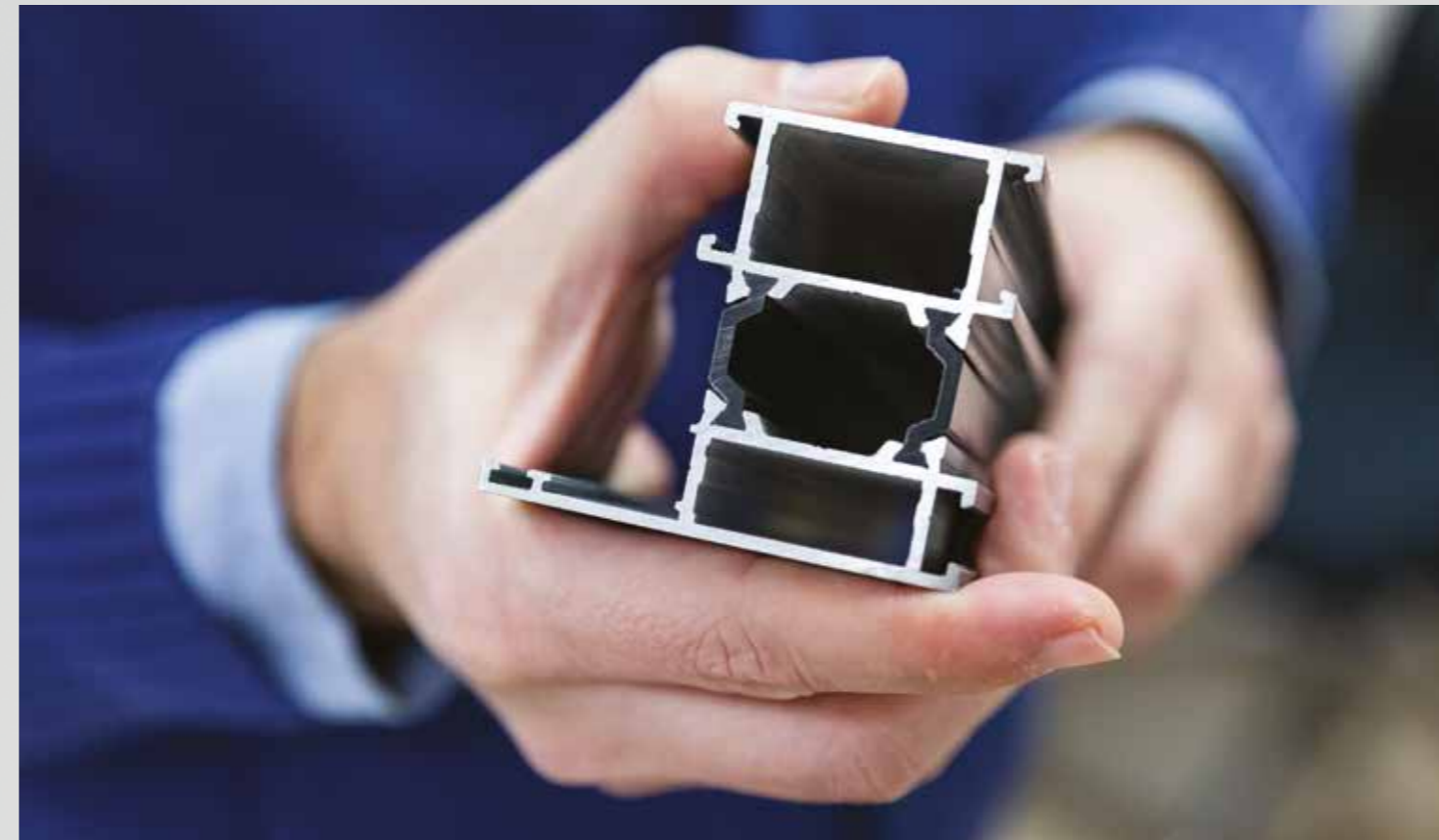
## WORLD STANDARDS PA66 GF25 THERMAL BREAKS



## WORLD STANDARDS PA66 GF25 THERMAL BREAKS

We provide thermal insulation solutions to prevent heat loss in aluminum window, door, and facade systems. Our Thermal Insulation Breaks, made of Polyamide 66, have a thermal transfer coefficient of 0.3/Wt and are reinforced with fiberglass to withstand physical impacts.

These profiles offer thermal isolation at the junction points of aluminum panels, minimizing heat and cold exchange. As a result, energy efficiency is enhanced, carbon emissions are reduced, and energy costs are lowered. Our standard and custom thermal break profiles provide solutions suitable for various projects.



“ HIGH-PRECISION INSULATING PROFILES AND SPECIAL SOLUTIONS MADE OF PA66 GF25 FOR USE IN ALUMINUM WINDOWS, DOORS AND FACADES







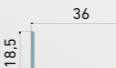
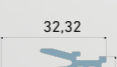


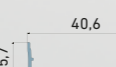

14,8 mm profiles



24 mm profiles



34 mm profiles

Shear-Free	Sliding Systems	
26 	14,9 8,5 	34,8 17,7 
	24,4 8,2 	36 18,5 
	32,32 6 	36,6 1,9 
	6,3 34,4 	40,6 15,7 
		44,4 28,1 

## What are the advantages ?<sup>++</sup>

- + Thermal conductivity coefficient is 500 times lower than aluminum
- + Similar thermal expansion properties to aluminum
- + High temperature resistance up to 200°C
- + Reinforced with 25% glass fiber for impact and corrosion resistance
- + Resistant to UV radiation
- + Compliant with energy saving and carbon emission regulations
- + Recyclable and environmentally friendly

