



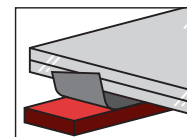
RAMSAUER®

LASTING BONDS.

1030

Zellband Plus

Glazing spacer tape with high density



Technical data sheet

Version: 01-2024

1. Mechanical Properties

	DIN standard	Unit	Value
Density		kg/m ³	497
Hardness	Shore A		35
Compressive force 10 %	ASTM D-1667	kPa	214
Tensile strength	ASTM D-412	kPa	1241
Elongation in %	ASTM D-412		125
Tensile strength 15 min. dwell	NTP-11	kPa	379
Dynamic shear strength after 15 min.	NTP-5	kPa	641
Static shear strength (hours)	NTP-57	7 kPa load	2000+
Thermal conductivity K factor BTU	ASTM C-518	w/m°C	0.08
Resistance to fungal infestation, Weathering, oxidation, UV radiation and weak acids and lyes		Tests passed	
Temperature range for use		°C	-30 to +90
Temperature range for application		°C	+16 to +52
Shelf life at max. 20 °C			2 years

2. Properties

Ramsauer 1030 Zellband Plus is a double-sided self-adhesive polyurethane foam glazing spacer tape with open pores. The two-sided, pressure-sensitive acrylic adhesive coating adheres to metal and glass, while the semi-rigid foam substrate acts as a spacer. Thanks to its high density of 497 kg/m³, Ramsauer 1030 Zellband Plus is a great choice as a thermal block for glazing, as a spacer between metal frames (prevents heat loss), and as a support for glazing in flat roof areas. The open-cell structure of the foam allows air and moisture to reach the silicone, ensuring optimum curing. The low thermal conductivity reduces heat transfer and therefore also fogging of windows, doors and metal systems. The tape can be cut and punched. Outstanding weathering resistance and resistance to fungi and oxidation.

3. Processing

The contact surfaces must be completely clean and dry. Once the tape has been applied, it cannot be removed and reapplied. Due to this, the bonding surfaces must be carefully selected and good contact between 1030 Zellband Plus and the surfaces to be bonded must be ensured. An incorrectly positioned tape must be removed and replaced with a new one. Always test 1030 Zellband Plus for system compatibility first, as individual application conditions can have a negative effect on the results achieved.

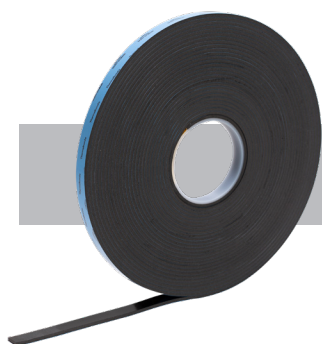


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4. Available dimensions

Thickness x width	Linear m per roll	Linear m per cardboard box
3.2 x 9 mm	15.25 linear m	427 linear m
3.2 x 15 mm	15.25 linear m	259.25 linear m
4.8 x 15 mm	15.25 linear m	427 linear m
4.8 x 9 mm	15.25 linear m	259.25 linear m
6.4 x 9 mm	15.25 linear m	427.00 linear m

5. Liability for defects

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