Zialoc Z8300 General Purpose (GP) Bonding Series - Double-Sided Acrylic Foam Tape

Zialoc Z8300 GP Series is a grey double-sided acrylic foam tape formulated for general purpose bonding applications.

Characteristics

- Resistant to UV rays, high temperatures, and weather extremes
- Highly conformable
- Excellent shock and stress absorbtion
- Durable adhesion even at elevated temperatures
- High performance in T-block and dynamic shear
- Great stretching properties

Zialoc Z8300 GP Series Product Specifications*

Performance tests are run using standard test procedures. The values presented are typical values and should not be used for specification purposes.

THICKNESS	90° PEEL ADHESION (3-DAY DWELL)				T-BLOCK[2]	DYNAMIC SHEAR[3]	STATIC SHEAR[4]	SERVICE TEMPERATURE
Without Liner	Glass	Aluminum	Stainless Steel	PMMA	Aluminum	Stainless Steel	Stainless Steel	
45 (1.1)	35 (20)	57 (33)	34 (20)	29 (17)	69 (100)	33 (48)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)
62 (1.6)	42(24)	43(24)	46(26)	37 (21)	69 (100)	45 (66)	Pass	-35°C to 93°C (-30°F to 200°F)

[1] Based on ASTM D3330 [3] Based on ASTM D1002
[2] Based on ASTM D897 [4] Based on ASTM D3654

Available Sizes

- Standard thickness: 1.1 mm and 1.6 mm
- Master roll size: 800 mm × 33 m
- Special thickness and roll sizes also available

Applications

- Signage/display bonding
- Bus, truck, and trailer skin bonding
- Bus, truck and trailer roof bow bonding
- Replacement of mechanical fastening systems

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800-850-3338

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Zialoc Z8300 GP Series - Standard Roll Sizes

PRODUCT NO.	THICKNESS (WITHOUT LINER) MILS. (MM)	COLOR
Z8345	45 (1.1)	Grey
Z8362	62 (1.6)	Grey

Important Instructions

- Because TBP cannot anticipate or control every potential application, we strongly recommend testing of this product under individual application conditions prior to commercial use.
- Surfaces must be clean and free of oil, grease, moisture, dust and dirt. Isopropyl alcohol is good for cleaning the surface.
- Apply a uniform pressure of 15 psi (103 kPa) to promote good contact between the material to be bonded and the tape. The application temperature should be between 16°C to 52°C (60°F and 125°F). It is not recommended to apply these tapes at temperatures below 16°C (60°F), as the adhesive does not flow in this condition and can result in poor bonding.
- The adhesion between the substrate and the tape increases with time, typically reaching final bond strength in 72 hours. Heating the product above 40°C (105°F) will accelerate the adhesion process.

Shelf Life

12 months from date of sale when stored in original packaging at 21°C (70°F) and 50% relative humidity.

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