



# Zialoc Z2200 Clear Bonding Series - Acrylic Double-Sided Bonding Tape

Zialoc Z2200 Series is a clear double-sided acrylic core tape formulated for general purpose adhesive applications.

## Characteristics

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

## Zialoc Z2200 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 <sup>2</sup>	DYNAMIC SHEAR <sup>3</sup>	STATIC SHEAR <sup>4</sup>	SERVICE TEMPERATURE	UV LIGHT RESISTANCE
Without Liner	Glass	Aluminum	Stainless Steel	PMMA	Aluminum	Stainless Steel	Stainless Steel		
Mils (mm)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	N/cm (lb/in)	7 days/1kg		
20 (0.5)	23 (13)	33 (19)	18 (10)	17 (10)	77 (112)	46 (67)	Pass and Exceeds	-35°C to 93°C (-30°F to 200°F)	High <sup>5</sup>
40 (1.0)	22 (13)	40 (23)	18 (10)	20 (11)	65 (94)	22 (32)			
80 (2.0)	35 (20)	30 (17)	30 (17)	23 (13)	68 (98)	38 (55)			
120 (3.0)	29 (17)	33 (19)	27 (16)	27 (16)	29 (17)	43 (66)			

1 Based on ASTM D3330 3 Based on ASTM D1002 5 No change in clarity and colour was seen after 500 hours exposure  
2 Based on ASTM D897 4 Based on ASTM D3654 in Twin Carbon Arc weatherometer

## Available Sizes

- Standard thickness: 0.5, 1.0, 2.0 and 3.0 mm
- Master roll size: 800 mm × 33, 20, 15 and 10 m
- Special thickness and roll sizes also available.

## Applications

- Glass furniture component bonding
- Security glass lamination
- Translucent signage
- Bath and shower hardware
- Visual communication
- Appliance components
- Polycarbonate bonding



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## Zialoc Z2200 Series - Standard Roll Sizes

PRODUCT NO.	THICKNESS (WITHOUT LINER) MILS. (MM)	COLOR
Z2220	20 (0.5)	Clear
Z2240	40 (1.0)	Clear
Z2280	80 (2.0)	Clear
Z22120	120 (3.0)	Clear

## 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.

