



Zialoc Z8600 Premier Bonding Series - Double-Sided Acrylic Foam Tape

Zialoc Z8600 Premier Series is a black or grey double-sided acrylic foam tape formulated for many interior and exterior industrial applications.

Characteristics

- Enhanced short-term adhesion performance to help aid in field assembly
- Great conformability and resistance to dynamic stress loads
- Excellent shock and stress absorption
- Durable adhesion even at elevated temperatures
- High performance in peel, tensile, and dynamic shear adhesion



Zialoc Z8600 Premier 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.

90° PEEL ADHESION ¹		T-BLOCK ²	DYNAMIC SHEAR ³	STATIC SHEAR ⁴	SERVICE TEMPERATURE
20 Minute Dwell	3-Day Dwell				
Stainless Steel	Stainless Steel	Aluminum	Stainless Steel	Stainless Steel	
N/cm (lb/in)	N/cm (lb/in)	N/cm ² (lb/in ²)	N/cm ² (lb/in ²)	7 days/1kg	
34 (19)	39 (22)	57 (83)	54 (79)	Pass and Exceeds	
				-35°C to 93°C (-30°F to 200°F)	

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

Test data shown is typical for 1.1mm thickness.

Available Sizes

- Standard thickness: 1.1mm and 1.6mm
- Master roll size: 800 mm × 33 m
- Jumbo roll size: 800 mm × 300 m

Applications

- Bus, truck and trailer skin bonding
- Bus, truck and trailer roof bow bonding
- Replacement of mechanical fastening systems
- Paint bake cycle applications requiring short-term, high temperature resistance



Zialoc Z8600 Premier Bonding Series - Double-Sided Acrylic Foam Tape

Zialoc Z8600 Premier Series - Standard Roll Sizes

PRODUCT NO.	THICKNESS (WITHOUT LINER) MILS. (MM)	COLOR
Z8645	45 (1.1)	Grey,Black
Z8662	62 (1.6)	Grey,Black

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

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

