

PRODUCT DATA SHEET



ICE BOND ACRYLIC FOAM TAPE – RS395

DESCRIPTION

Ice Bond Tape is a transparent bonding tape with outstanding viscoelastic and adhesion properties. Virtually invisible after application, Ice Bond Tape satisfies special visual and design requirements when bonding to glass or clear surfaces. Ice Bond Tape is formulated for durable, long-lasting adhesion, exceeding industry standards for shear strength and bonding to high surface energy substrates, even at elevated temperatures.

The Ice Bond Tape is specially designed to provide the following features:

- Great conformability and stretching
- Resistance to weathering degradation (UV and high temperature)
- Excellent performance in T-block and dynamic shear
- Outstanding static shear adhesion
- Durable adhesion at elevated temperatures
- Shock and stress absorption
- Uniform, invisible bonding

APPLICATIONS

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

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TECHNICAL DATA

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 ¹ (3 day dwell)				T-Block ²	Dynamic Shear ²	Static Shear ²	Service Temp.	UV Light Resistance
Without Liner	Glass	Aluminium	Stainless Steel	PMMA	Aluminium	Stainless Steel	Stainless Steel		
mm	N/cm	N/cm	N/cm	N/cm	N/cm ²	N/cm ²	7 days/1kg		
0.5	23	33	18	17	77	46	Passes and Exceeds	-35°C to 93°C	High ⁵
0.7	22	36	18	19	69	21			
1.0	22	40	18	20	65	22			
1.5	34	24	30	23	76	50			
2.0	35	30	30	23	68	38			
3.0	29	33	27	27	29	43			

IMPORTANT INSTRUCTIONS

Because Reliable Source Ltd 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.

The above information is given in good faith and for guidance only. The user shall be responsible for determining that the performance of the product is sufficient for his application. The quoted values are based on averages and should not be taken as maximum or minimum values for specific purposes.

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