

## DURACO® HIGH BOND 51

**Material Description:** Duraco® High Bond 51 utilizes multi purpose acrylic adhesive on both sides of firm foam. The adhesive provides excellent adhesion to a wide range of high and medium surface energy substrates including metal, glass and different types of plastics. The foam core provides good contact to applied surface. Replaces rivets, welds, and mechanical fasteners. Duraco® High Bond 51 is ideal for interior and exterior use with its good resistance to temperature cycles and moisture.



Product Information	Description	
Product Color	White	
Adhesive	General Purpose Acrylic	
Carrier	Acrylic Foam	
Application Temperature (°F)	70 to 100	
Service Temperature (°F)	-20 to 200	
Thickness (inch)	0.120	

  

DHB	Typical Properties	Test Method
90° Peel Adhesion (lb/in):	20	ASTM D3330
Normal Tensile - T-Block (lb/0.5in <sup>2</sup> )	70	ASTM D897
Dynamic Shear (lb/0.5in <sup>2</sup> ):	50	ASTM D1002
Static Shear (minutes)		
1.0 in <sup>2</sup> , 72°F, 10lb load	1,600	ASTM D3654
Static Shear (minutes)		
1.0 in <sup>2</sup> , 150°F, 500 gram load	10,000	ASTM D3654

\*Tests are performed on 2 mil PET

### Storage

Tape should be stored within its' original packaging, in a dry place at Room Temperature (72°F). If room temperature is not possible, the storage temperatures should not exceed 39°F to 100°F. When the tape is stored under these conditions, the shelf life would be 18 months from the date of shipment.

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