

DURACO® HIGH BOND 50

Material Description: This clear, general purpose adhesive provides excellent strength and durability, along with solvent and moisture resistance. It is a good choice for applications where clear or colorless tape is desired. Also ideal for interior and exterior uses. Replaces rivets, welds, and mechanical fasteners. The DHB®50 specific features include adhesion to a broad range of materials, high peel and shear. The product has excellent resistance to temperature cycles and unique shock absorption and vibration damping properties.



Product Information	Description	
Product Color	Clear	
Adhesive	General Purpose Acrylic	
Carrier	Acrylic Foam	
Application Temperature (°F)	70 to 100	
Service Temperature (°F)	-20 to 200	
Thickness (inch)	0.010	

DHB	Typical Properties	Test Method
90° Peel Adhesion (lb/in):	5	ASTM D3330
Normal Tensile - T-Block (lb/0.5in ²)	80	ASTM D897
Dynamic Shear (lb/0.5in ²):	60	ASTM D1002
Static Shear (minutes)		
1.0 in ² , 72°F, 10lb load	1,600	ASTM D3654
Static Shear (minutes)		
1.0 in ² , 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.

Duraco provides this information and recommendations for informative purposes only. The data is intended as a guide only and is presented without guarantees and without assumption of liabilities resultant from the use of information provided.