

HB 2135 HIGH PERFORMANCE TRANSFER TAPE

Description: High performance – high molecular weight transfer adhesive giving high temperature resistance and excellent all weather resistance.

Applications: For bonding nameplates, laminating for demanding applications high temperature bonding, splicing and joining.

Operating Conditions: Temperature: 18° - 25°C Humidity: 55% ± 10%

Melting Point: 250°C

Shear Strength: at least 0.25kg/cm²

Technical data

TECHNICAL DESCRIPTION	UNIT OF MEASUREMENT	TECHNICAL VALUE	
CARRIER		NONE	
LINER	g/m ²	130	
ADHESIVE		ACRYLIC	
COATING THICKNESS	mm	.130mm - .135mm	
TOTAL THICKNESS	mm	.285mm – .290mm	
HOLDING POWER (A/B SIDE) (PSTC-7)	Hrs	> 48 1kg/2.5cm x 2.5cm	
INITIAL TACK (A/B SIDE) PSTC-6#14 ball	cm	12-20	
ADHESION (A/B SIDE) PSTC-1	>1500 g/2.5cm	> 52.91 OZ/in	> 14.6 N/2.5cm
HOLDING POWER FOR TEMP. RESISTANCE 195°C (PSTC-7)	Hrs	> 24 1kg/2.5cm x 2.5cm	

Test Methods: Transfer the tape specimen onto copper foil and then adhere the copper foil to the test panel. After leaving to stand for 24hrs, put the test panel into 60°C oven for 20 minutes. Then load 1kg weight on the test panel and adjust oven temperature up to 195°C.

Testing Conditions:

1. Lab Temperature 23±5; Lab Humidity: 55% ± 10% RH.
2. To be stored under constant temperature of 20°C-30°C avoid exposing to high humidity.
3. Under normal conditions material can be stored for one year.

Unless stated otherwise all values given are average. All of the tapes in our range should be thoroughly tested on the substrates in the particular application they are intended for. Hi-Bond Tapes Ltd. will not be responsible for product failure unless full testing has been completed. The customer has to decide on the tapes suitability for the intended application.