



Specializing in Research & Development of High Performance Pressure Sensitive Tapes

Product Data Sheet

DC-5000

Patent Pending

Product Description: Product DC-5000 high speed flying splice tape was designed for match speed splicing of paper and film materials without the need for splice tabs. This unique double coated film tape is constructed in a manner that allows the tape to easily split into two distinct sections, one side performing the splice while the opposite side holds the incoming reel closed. Upon splitting, there are no exposed adhesives or fibers which can lead to splice failure or printing defects. The use of DC-5000 instead of conventional splicing tapes and tabs greatly reduces operator set up time and machine downtime. This product also has a very thin profile, which ensures that it will not affect the print registration.

Product Use: The roll is received in the form of conventional double sided adhesive tape. However, the liner is cut into two separate areas. The tape is first applied to the new reel, followed by the removal of the 0.75 inch (smaller) section of liner. The reel end is then attached to the 0.75 inch section of exposed adhesive and trimmed back to match the remaining 1.25 inch (larger) section of liner. This seals closed the new reel of material, eliminating the use of splice tabs. The 1.25 inch section of liner is then removed and thus exposes the adhesive section that makes the splice. At the instant the splice takes place, the proprietary construction of the tape allows for the product to split into two distinct film layers.

Physical Characteristics	Nominal Values
Total Tape Thickness (excluding liner)	5.00 mils
Splice Portion Thickness	3.00 mils
Tab Portion Thickness	2.00 mils
Holding Power	> 24 hours
Loop Tack	65 oz/in
180 degree Peel Adhesion to Stainless Steel	60 oz/in
Tape Color	Blue
Temperature Resistance (short term, sec/min)	-30F to 420F
Standard Length	55 yds

Tape Application: To achieve ultimate bond strength please be sure materials being bonded are clean and free of dust, dirt, oil or other substances which can affect the bond of the tape adhesive. Firm application pressure will promote a strong, long lasting bond. Adhesive bond strength is dependent upon the material type being bonded. If a variety of materials are being used, please be sure to test the suitability of product performance with each material. Please contact Custom Adhesive Products at the phone number below with questions regarding your taping applications and needs.

Notice: Physical and performance values listed above are average values obtained from tests performed according to PSTC or ASTM standard test methods. Custom Adhesive Products does not make any warrant of any kind as to the results listed above. The information listed above does not represent a performance guarantee. Product performance may vary with each individual application and the purchaser should test the product prior to use and satisfy themselves regarding product functionality in their application.

www.customadhesiveproducts.com 6610 Hillwood Ct Racine, WI 53403
(P) 262-595-0568 Toll-Free: 866-440-8273 (F) 262-595-0566

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