

3M

Double Coated PET Tape

CDB765(Temporary)

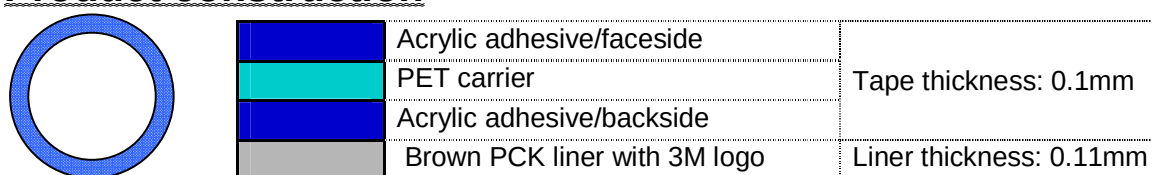
Technical Data

Nov. 2011

Product description

CDB765 is a double coated tape with a black polyester film for dimensional stability and improved handling with ease of die cutting and laminating. The high tack adhesive provides relatively high initial adhesion and good shear holding power to a variety of surfaces.

Product construction



Note 1: Faceside adhesive is on the interior of the roll, exposed when unwound.

Note 2: Backside adhesive is on the exterior of the roll, exposed when liner is removed.

Performance properties

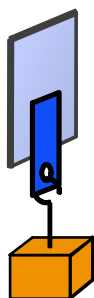
● 180 peel strength on different substrates (N/mm)

Test method: ASTM D3330; Backside substrate: 2mil polyester film; Test speed: 304.8 mm/min

	SS	PC	ABS	PET
Dwell 15min	1.1	1.07	0.9	0.97

● Holding power polyester film

Test method: ASTM D3654 (1 inch² sample size); Backside substrate: 2mil



1000 grams weight at 72 F (22 °C)

≥ 10000 min

- **UV resistance** Medium
- **Relative solvent resistance** Medium

Application information

● **application techniques**

Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improves bond strength. To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Some typical surface cleaning solvents are isopropyl alcohol or heptane.

Note: Carefully read and follow the manufacturer's precautions and directions for use when working with solvents. Ideal tape application temperature range is 70°F to 100°F (21°C to 38°C). Initial tape application to surfaces at temperatures below 50°F (10°C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

● **application ideas**

Medical/non-medical diagnostic test strips

Plastic film lamination/bonding

Foam bonding

Splicing

● **application equipment**

To apply adhesives in a wide web format, lamination equipment is required to ensure acceptable quality. To learn more about working with pressure-sensitive adhesives please refer to technical bulletin, Lamination Techniques for Converters of Laminating Adhesives.

For additional dispenser information, contact your local 3M sales representative.

Shelf Life & storage condition

Shelf life of tape in roll form is 24 months from date of manufacture when stored in original cartons at 23+/-2°C and 50+/-10% relative humidity.

Certification/Recognition

MSDS: 3M has prepared a MSDS for the products which are subject to the MSDS requirements of the Occupational Safety and Health Administration's Hazard Communication Standard, 29 C.F.R.

TSCA: The product is defined as articles under the Toxic Substances Control Act and therefore, is exempt from inventory listing requirements.

Important Notice

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If the 3M product is proved to be defective, the exclusive remedy, at 3M'S option, shall be to refund the purchase price of or to repair or replace the defective 3M product. 3M shall not otherwise be liable for loss or damages, whether direct, indirect, special, incidental, or consequential, regardless of the legal theory asserted, including, but not limited to, contract, negligence, warranty, or strict liability.

ISO 9002

This Engineered Adhesives Division product was manufactured under a 3M quality system registered to ISO 9002 standards.

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