

3M

Double Coated Tissue Tape

9116

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Technical Data

May, 2011

Product Description

3M Double Coated Tissue Tape 9116 provides high adhesion to wide variety of materials, including most plastic. This tape has a thin nonwoven carrier for dimensional stability and improved handling.

Product Construction

Adhesive type	Rubber base
Carrier type	Nonwoven
Liner Color	White

Typical Physical Properties

Note: The following technical information and data should be considered representative or typical only, and should not be used for specification purposes.

ASTM Test Method

180 Degree Peel Adhesion on SUS(Initial)	100 oz/in	D-3330
180 Degree Peel Adhesion on SUS (Ultimate 72 hrs.)	110 oz/in	D-3330
Dynamic Shear Strength on Aluminum foil(initial)	200 psi	D-1002
Total Tape Thickness(without liner)	0.110 mm	D-3652
Liner Thickness	0.075 mm	D-3652

Application Techniques

- Bonding strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure help develop better adhesive contact and improve bond strength.
- To obtain optimum adhesion, The bonding surface must be cleaned, dry and well unified at temperatures not less than 60°F (16°C). Typical surface cleaning solvent are isopropylalcohol and water (rubbing alcohol) or heptane.

Note: Be sure to follow the manufacturing's precaution and direction for user when using solvent.

Application Ideas

- 9116 tape are specially formulated for many indoor high performance purpose mounting and joining application , including bonding to most plastic where moderate temperature and shear performance are required.
- Application for this tape include Sign, Nameplate, Paper splicing, Bond corrugated box and Plagues

Storage

Store under normal conditions of 60° to 80°F (16° to 27°C) and 40 to 60% R.H. in the original carton.

Shelf life

To obtain best performance, use the product within 12 months from manufacturing date.

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Product Use

Please remember that many factors can affect the use and performance of a 3M product in a particular application. The materials to be used with the 3M product, the surface preparation of those materials, the product selected for use, the conditions in which the product is used, and the time and environmental conditions in which the product is expected to perform are among the many factors that can affect the use and performance of a 3M product. Given the variety of factors that can affect the use and performance of a 3M product, some of which are uniquely within the user's knowledge and control, it is essential that the user evaluate the 3M product to determine whether it is fit for a particular purpose and suitable for the user's method of application.

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