



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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# 3M

## Hot Melt Adhesive

### 3798 LM

Technical Data

March, 2015

**Product Description** 3M™ Hot Melt Adhesive 3798 LM is a heat applied, 100% solids, removable, thermoplastic adhesive.

- Features**
- Easily removes from most substrates.
  - Easy to use and fast.
  - Obtains strength in seconds.
  - Made from components listed as indirect food additives under FDA regulations for adhesives (21 C.F.R. 175.105).
  - Tack free.
  - Solvent-free, 100% solids.
  - Stable release properties with accelerated aging at 120°F (49°).
  - Can be used on a wide variety of substrates including most coated substrates.

**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.**

<b>Color</b>	Off White
<b>Specific Gravity</b>	0.91
<b>Flash Point (COC)</b>	474°F (246°C)
<b>Viscosity @ 250°F<sup>(1)</sup> (121°C)</b>	9,500 cps
<b>Ball &amp; Ring<sup>(2)</sup></b>	191°F (88°C)
<b>Open Time<sup>(3)</sup></b>	30 Seconds

<sup>(1)</sup>Brookfield Thermocel Viscometer in Centipoise using a #27 Spindle @ 10 RPM.

<sup>(2)</sup>ASTM E-28-607.

<sup>(3)</sup>1/8" semicircular bead, cardboard to cardboard.

**Application Ideas**

Ideal for securing items in place while shrink-wrapping and can be used to attach business cards, coupons, inserts, credit cards, samples, etc. to brochures and mailings.

# 3M™ Hot Melt Adhesive 3798 LM

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<b>Application Techniques</b>	<ol style="list-style-type: none"><li>1. 3M™ Hot Melt Adhesive 3798 LM is designed for application using a 3M™ Hot Melt LT Applicator (5/8" x 2") at 265°F (129°C). This applicator is designed exclusively for low-melt adhesives.</li><li>2. Apply to one surface. Make bond as soon as possible. Bond strength is maximized when open time is reduced.</li><li>3. After the bond is made, there is immediate strength and no clamping is necessary.</li><li>4. Optimum release on some substrates may require up to a 24 hour dwell time for clean removal.</li><li>5. Adhesive may bleed onto porous surfaces or cause staining. It is advisable to evaluate the adhesive on a test substrate for undesirable effect.</li></ol>
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<b>Storage</b>	Store product below 120°F (49°C).
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<b>Shelf Life</b>	When stored at the recommended conditions, this product has a shelf life of 2 years from the date of manufacture.
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<b>Precautionary Information</b>	Refer to Product Label and Material Safety Data Sheet for health and safety information before using this product. For additional health and safety information, call 1-800-364-3577 or (651) 737-6501.
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<b>Product Use</b>	All statements, technical information and recommendations contained in this document are based upon tests or experience that 3M believes are reliable. However, many factors beyond 3M's control can affect the use and performance of a 3M product in a particular application, including the conditions under which the product is used and the time and environmental conditions in which the product is expected to perform. Since these factors 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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<b>Warranty and Limited Remedy</b>	Unless stated otherwise in 3M's product literature, packaging inserts or product packaging for individual products, 3M warrants that each 3M product meets the applicable specifications at the time 3M ships the product. Individual products may have additional or different warranties as stated on product literature, package inserts or product packages. 3M MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE OR ANY IMPLIED WARRANTY ARISING OUT OF A COURSE OF DEALING, CUSTOM OR USAGE OF TRADE. User is responsible for determining whether the 3M product is fit for a particular purpose and suitable for user's application. If the 3M product is defective within the warranty period, your exclusive remedy and 3M's and seller's sole obligation will be, at 3M's option, to replace the product or refund the purchase price.
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<b>Limitation of Liability</b>	Except where prohibited by law, 3M and seller will not be liable for any loss or damage arising from the 3M product, whether direct, indirect, special, incidental or consequential, regardless of the legal theory asserted, including warranty, contract, negligence or strict liability.
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**3M**

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**ISO 9001:2000**

This Industrial Adhesives and Tapes Division product was manufactured under a 3M quality system registered to ISO 9001:2000 standards.



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10% post-consumer*

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