

3M™ Hot Melt Adhesive 3798LM

Product Description

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

Product 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.



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Technical Information Note

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

Typical Uncured Physical Properties

Color: Off White

Typical Physical Properties

Property	Values		Notes	Test Condition	Substrate	Method
Flash Point	246 °C	474 °F	C.O.C.			
Viscosity	9,500		Brookfield Thermocel Viscometer in Centipoise using a #27 Spindle @ 10 RPM.	250°F(121°C)		
Specific Gravity	0.91					
Open Time	30 s		1/8" semicircular bead		Cardboard to Cardboard	
Ball & Ring	88 °C	191 °F				ASTM E-28-607

Handling/Application Information

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.

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Handling/Application Information (continued)

Application Techniques

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.
2. Apply to one surface. Make bond as soon as possible. Bond strength is maximized when open time is reduced.
3. After the bond is made, there is immediate strength and no clamping is necessary.
4. Optimum release on some substrates may require up to a 24 hour dwell time for clean removal.
5. Adhesive may bleed onto porous surfaces or cause staining. It is advisable to evaluate the adhesive on a test substrate for undesirable effect.

Storage and Shelf Life

Store below 120°F (49°C).

When stored at the recommended conditions, this product has a shelf life of 24 months from the date of manufacture.

Industry Specifications

21 CFR 175.105

Trademarks

3M is a trademark of 3M.

References

1. 3m.com Product Page
Url: https://www.3m.com/3M/en_US/company-us/all-3m-products/~/3M-Hot-Melt-Adhesive-3798-LM?N=5002385+3293194231&rt=rud
2. Safety Data Sheet
Url: https://www.3m.com/3M/en_US/company-us/SDS-search/results/?gsaAction=msdsSRA&msdsLocale=en_US&co=ptn&q=3798LM

ISO Statement

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

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Precautionary Information

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.

Technical Information

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