

# 3M™ Jet-melt™ Adhesive Product Information - USE Adobe Zoom tool to enlarge as needed

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PRODUCT NUMBER AND COLOR	FDA LISTED COMPONENTS <sup>1</sup>	UL94 LISTING	FEATURES/APPLICATION IDEAS	SIZES	EC TEMP. CONTROL MODULES	FLASH POINT (°F/°C)	VISCOSITY CPS <sup>2</sup>	DELIVERY* TIME (SEC.) FOR 1" x 3" CARTRIDGE	BALL & RING SOFT POINT <sup>3</sup> (°F/°C)	HEAT RESISTANCE (°F/°C)	IMPACT RESISTANCE (IN.-LBS.) 72°F (22°C)	PEEL STRENGTH PIW 72°F (22°C)	SHEAR STRENGTH PSF 72°F (22°C)	TENSILE STRENGTH PSI 72°F (22°C)	ELONGATION %	BONDING RANGE 1/8" BEAD (SEC.) <sup>4</sup>
<b>LOW-MELT TECHNOLOGY:</b> Applied at only 265°F (129°C), these Jet-melt "LM" adhesives can bond many heat-sensitive substrates such as styrene foam.																
3755-LM Clear	Y	N/A	"Delayed-tack" applied in <b>thin-glue-line</b> ribbon for bonding paper, corrugated, chipboard, P.O.P. displays and exhibits.	5/8" x 2"TC	N/A	509/265	13000 @250°F	N/A	157/70	120/49	14	13	500	380	400	120
3762-LM Lt. Amber	Y	N/A	Excellent " <b>hot tack</b> ", fast setting. Bonds to a variety of <b>corrugated packaging</b> , beadboard, recouperage, repacking area. <b>Economical</b> , general purpose. Can bond chipboard and wood.	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC	1	509/265	4000 @250°F	45	205/96	130/54	13	6	480	600	300	25
3776-LM Tan	N/A	N/A	Bonds to a variety of <b>plastics, woods and light gauge metals</b> .	5/8" x 8"Q 1" x 3"PG	1	460/238	8250 @250°F	47	184/84	140/60	13	9	600	270	600	40
3792-LM Clear	Y	V2	<b>Clear, multi-purpose</b> product for wood, coated paper, <b>polyolefins</b> and other <b>heat-sensitive materials</b> . P.O.P. displays.	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC	1	550/288	10500 @250°F	57	178/81	140/60	62	13	350	547	125	40
3798-LM Clear	Y	N/A	<b>Gummy Glue Removable Adhesive</b> , strength in seconds, removes easily. Can be used on a wide variety of substrates.	5/8" x 2"TC	N/A	474/246	9500 @250°F	N/A	191/88	120/49	N/A	N/A	N/A	62	250	30
<b>HOT MELT TECHNOLOGY:</b> Applied at 350°- 385°F (177°-196°C)																
3738 Tan	Y	V2	High delivery rate and <b>long bonding range</b> . General purpose for <b>foundry sand cores, wood bonding</b> , corrugated, selected plastics and chipboard.	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC 1/2" x 12"AE	4	550/288	2875 @375°F	35	186/86	130/54	36	13	375	360	1000	50
3747 Tan	Y	N/A	<b>General purpose adhesive</b> . Bonds to a wide variety of plastics, wood and <b>lightweight metals</b> .	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC 1/2" x 12"AE	4	509/265	4100 @375°F	45	220/104	145/63	25	20	430	750	1300	45
3748 Off-white	Y	V2	Good thermal shock resistance. Good for many electronic applications. <b>Non-corrosive to copper</b> . Bonds <b>polyolefins</b> .	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC	4	536/280	5000 @375°F	65	292/144	175/79	24	18	250	375	1100	45
3748 VO Light Yellow	N	VO	<b>Self-extinguishing</b> version of 3748. Adhesive meets UL 1410 requirements.	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC	4	536/280	5500 @375°F	65	305/152	175/79	50	15	275	200	1850	30
3762 Tan	Y	V2	Excellent " <b>hot tack</b> ", fast-setting. Bonds to a variety of <b>corrugated packaging</b> , beadboard, recouperage, repacking area. <b>Economical</b> , general purpose. Can bond chipboard and wood.	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC 1/2" x 12"AE	3	500/260	1870 @375°F	30	201/94	130/54	20	7	545	450	400	35
3764 Clear	Y	V2	Bonds to a variety of plastics including <b>polycarbonate, polyethylene and polypropylene</b> . Flexible at low temperatures.	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC 1/2" x 12"AE	4	514/267	6000 @375°F	55	190/88	140/60	58	14	390	650	625	40
3779 Amber	Y	VO	<b>High heat resistance</b> . High strength. Good fuel and oil resistance. Electronics.	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC	5	550/288	7000 @375°F	75	325/163	300/149	22	18	700	2100	300	25
3789 Brown	Y	V2	<b>High performance for plastics</b> . Impact resistant. Also bonds vinyl and wood. Good fuel and oil resistance.	5/8" x 8"Q 1" x 3"PG	5	635/335	5200 @375°F	70	270/132	220/104	40	16	570	520	600	50
3792 Clear	Y	V2	<b>Clear, multi-purpose</b> product for wood, corrugated, lightweight substrates. <b>Furniture, upholstery</b> , novelties. Can bond <b>fabric</b> and other lightweight materials.	5/8" x 8"Q 1" x 3"PG 5/8" x 2"TC 1/2" x 12"AE	4	450/232	5000 @375°F	45	179/81	140/60	42	13	250	400	750	50
3796 Lt. Tan	N	N/A	<b>High performance</b> for plastics and light gauge metals.	1" x 3"PG 5/8" x 2"TC	N/A	480/249	23,000 @375°F	120	240/116	200/93	29	29	550	363	930	40
3797 Off-white	Y	V2	High ball and ring. Low viscosity. Good for electrical <b>potting applications</b> .	1" x 3"PG 5/8" x 2"TC	N/A	570/299	2650 @375°F	55	304/151	170/77	19	10	350	283	98	30

<sup>1</sup>Made from components listed as indirect food additives under FDA regulations for adhesives (21 CFR 175.105).

<sup>2</sup>Brookfield Thermosel Viscometer in Centipoise. <sup>3</sup>ASTM E-28-6-7

<sup>4</sup>On canvas <sup>5</sup>On Douglas Fir

<sup>6</sup>1/8" semicircular bead, Douglas Fir to Douglas Fir.

\*Time to deliver the third consecutive cartridge through PG II or PG II LT @ 80 PSI.

**NOTE:** The technical information and data provided above should be considered representative or typical only and should not be used for specification purposes.