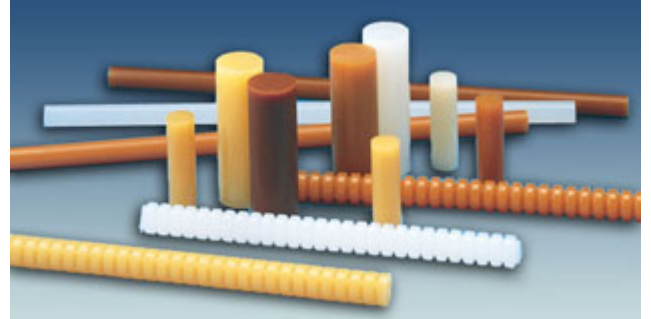


## Jet-Melt™ Adhesives

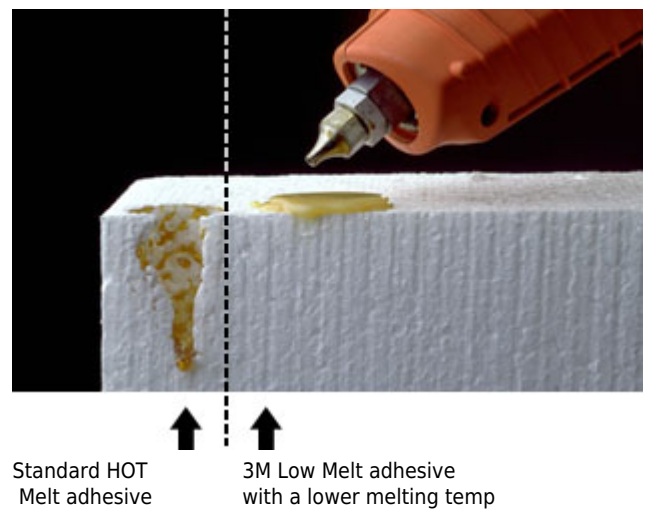


3M™ jet-melt adhesive systems have been developed as a fast and comfortable way of bonding various sorts of materials used in the production.

Jet Melt™ adhesives contain thermoplastic resins without solvents that become fluid when heated. They are applied in the liquid state using a special applicator and they harden in seconds to bonding strength. Applicable for most surfaces, including wood, plastics, foam, fabric, light-weight foam and cardboard.



Most jet-melt adhesives are applied with temperatures around 210°C, which can cause problems for heat sensitive materials and increase the risk of scalds. That is why 3M™ has developed a range of adhesives with a lower melting point at 130°C.



### Low-melt™ with 130°C melting point

Type	Features	Color	Heat resistance	Viscosity (121 °C) *	Tensile strength (22 °C)		Peel strength (22 °C) #		Applicator type
<b>3762LM</b>	Excellent features for cardboard and cartons.	light brown	55 °C	4000	4.1	600	10	6	LT EC - (module)
<b>3778LM</b>	Suitable for bonding wood and plastics.	light brown	55 °C	7000	2.1	300	14	10.5	LT EC - (module)
<b>3792LM</b>	Bonding of numerous materials (wood plastics, corrugated cardboard,...).	clear	60 °C	10500	3.8	547	22	13	LT EC - (module)
<b>3798 Gummy Glue</b>	Developed specifically for the advertisements embedded in magazines or correspondence. It can be removed without damaging the carrier. Does not leave adhesive tracks.	light brown	49 °C	9500	-	-	-	-	Touch Control

\* Viscosity Brockfield Thermoset stated in mPa/s(=c.p.s.)

# The peel strength was measured in fabric samples sized 25 x 200 mm stretched with shear of 250mm/min.

## Jet-melt™ with 210°C melting point

Type	Features	Color	Heat resistance	Viscosity (121°C) *	Tensile strength (22°C)		Peel strength (22°C) #		Applicator type
<b>3762</b>	Outstanding hot bond, immediately hardens. Low cost, multi-purpose.	light brown	55°C	750	3,1	450	12	7	TCQ EC module 3 JM2 pneumatic
<b>3738</b>	High efficiency and bonding of a wide range of materials (wood, cardboard, fabric,...).	light brown	55°C	1200	2,5	360	23	13	TCQ EC module 4 JM2 pneumatic
<b>3748</b>	Good temperature and electrical properties. Does not cause corrosion of copper. Suitable for bonding of PE, PP.	white/gray	80°C	2400	2,6	375	31	18	TCQ EC module 4 JM2 pneumatic
<b>3748 V-O</b>	Self-extinguishing version of 3748, meets UL94V, UL1410 norms. Can bond to FRV, epoxy boards and PP.	light yellow	80°C	2700	1,4	200	26	15	TCQ EC module 4
<b>3764</b>	Suitable for bonding various kinds of plastics (ABS, polycarbonate, PVC, PP, PE). Resists low temperatures.	clear	60°C	4250	4,5	650	25	14	TCQ EC module 4 JM2 pneumatic
<b>3779</b>	Good electrical properties, great heat resistance, resistant to oils and fuels. Suitable for fixing conductors.	transparent, light amber	150°C	2000	14,5	2100	32	18	TCQ EC module 5 JM2 pneumatic
<b>3792</b>	Clear multi-purpose adhesive.	clear	60°C	2200	2,8	400	23	13	TCQ EC module 4 JM2 pneumatic
<b>3796</b>	Multi-purpose adhesive with heat resistance. For plastics and light calibrating metals.	brown	100°C	7500	2,5	363	51	29	TCQ JM2 pneumatic

\* Viscosity Brockfield Thermoset stated in mPa/s(=c.p.s.).

# The peel strength was measured in fabric samples sized 25 x 200mm stretched with shear of 250 mm/min. The strength of 3748 adhesive was tested on low-pressure polypropylene. Fabric samples could not be used.

Our recommendations for using our products are based on tests which are considered reliable.

In spite of that we are asking you to carry out your own test and make sure that these products are suitable for your specific purposes.