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Hot Melt Adhesive Systems - Selection Chart

Products	Features/Application Ideas	Colour	Available for (a)	Heat Resistance (b)
LOW MELT TECHNOLOGY: Applied at only 130°C, these Jet-melt 'LM' adhesives can bond many heat sensitive substrates such as polystyrene foam.				
3762LM	Improved "hot-tack" when dispensed at low melt temperature. Can bond expanded polystyrene, corrugated packaging, displays.	Light Tan	LT EC	55°C
3778LM	Can bond many wood and wood-like products, as well as many plastics	Light Tan	LT EC	55°C
3792LM	Long bonding range when dispensed at low melt temperature. Can bond woods, P.O.S. displays, corrugated packaging, polyolefins, and other lightweight materials.	Clear	LT EC	60°C
HOT MELT TECHNOLOGY				
3738	High delivery and long bonding range. General purpose for foundry sand cores, exhibits, wood bonding, corrugated, and chipboard.	Medium Tan	TC TCQ EC PG2	55°C
3747	General purpose including plastic and wood. Good heat resistance and flexibility. Medium performance. Can bond light gauge metal.	Light Amber	TC TCQ EC PG2	65°C
3748	Good thermal and electrical properties. Non-corrosive to copper. Can bond polypropylene, polyethylene.	Off-White	TC TCQ EC PG2	80°C
3748V-O	Self-extinguishing version of 3748 adhesive, meets UL 94 V-O, UL1410 requirements. Can bond FRP epoxy board, polypropylene.	Pale Yellow	TCQ EC	80°C
3762	Excellent "hot-tack", fast setting for corrugated packaging, repacking area. Low cost, general purpose. Can bond chipboard, wood.	Medium Tan	TC TCQ EC PG2	55°C
3764	Can bond many plastics. Good impact resistance at low temperature. Can bond ABS, polycarbonate, rigid PVC, polypropylene, polyethylene.	Clear	TC TCQ EC PG2	60°C
3779	Good electrical properties with high heat resistance for potting, wire staking, UL 94 V-O. Good fuel and oil resistance.	Translucent, Light Amber	TC TCQ EC PG2	150°C
3789	High performance for plastic. Impact resistant. Can bond wood, vinyl, ABS, FRP.	Translucent, Amber	TCQ EC PG2	105°C
3792	Clear multi-purpose product for wood, corrugated packaging, lightweight substrates. Furniture, upholstery, novelties. Can bond fabric and other lightweight materials.	Clear	TC TCQ EC PG2	60°C
3796	Multi-purpose with heat resistance. High performance for plastics and light gauge materials.	Tan	TC PG2	100°C

- (a) TC = Touch Control Applicator (15 x 48 mm mini sticks)
 TCQ = TC Quadrack™ Applicator (15 x 200 mm Quadrack Hot Melt sticks)
 LT = Polygon LT Applicator (15 x 200 mm Quadrack Low Melt sticks)
 EC = Polygon EC Applicator (15 x 200 mm Quadrack sticks, Low Melt + Hot Melt)
 PG2 = Polygon 2 Applicator (26 x 76 mm slugs)

- (b) Highest temperature with strength 25mm OLS Douglas Fir 2 PSI (13.79 kPa) dead load; temperature is raised 5.5°C every 30 minutes. Temperature recorded is last bondline temperature with strength.

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