



Jet-melt™

3762 Adhesive

Product Data Sheet

Updated : March 1996
Supersedes : December 1993

Product Description

Jet-melt Adhesive 3762 is a hot melt adhesive with excellent "hot tack" fast setting properties for carton closing.

Jet-melt Adhesive 3762 has good adhesion to hard and soft woods.

Physical Properties

Not for specification purposes

Base	EVA	
Colour	Tan	
Viscosity cP at 190°C 1	1870	
Temperature Control Setting	3	
FDA Accepted 2	Yes	
Sizes Available	26 x 73 mm for the Jet-melt Air Powered Applicator. 15 x 203 mm for the Jet-melt Touch Control Quadtrack Applicator. 15 x 48 mm for the Jet-melt Touch Control Applicator. 12 x 300 mm for the Jet-melt All Electric Applicator.	
Shelf Life	12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50 % Relative Humidity.	
1 Brookfield Thermosel Viscometer. 2 FDA Reg. 175.105 (adhesives) CFR Title 21.		

Performance Characteristics

Not for specification purposes

Delivery Rate for 26 x 73 mm slug	30 seconds	
Ball and Ring Softening Point 3	94 °C	
Heat Resistance	54 °C	
Impact Resistance	11 in/lbs at -18°C 20 in/lbs at 22°C	

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Peel Strength at 22°C 4	12 N/10mm	
Shear Strength at 22°C 5	3.7 MPa	
Tensile Strength at 22°C	3.1 MPa	
Elongation	400 %	
Bonding Range 3mm bead 6	35 seconds	
3 ASTM E-28-6-7. 4 On Canvas. 5 On Douglas Fir. 6 3mm semi circular bead, Douglas Fir to Douglas Fir.		

Health and Safety Information

Refer to product label and Material Safety Data Sheet for health and safety information before using the product.
For information please contact your local 3M Office
www.3M.com

Values presented have been determined by standard test methods and are average values not to be used for specification purposes. Our recommendations on the use of our products are based on tests believed to be reliable but we would ask that you conduct your own tests to determine their suitability for your applications. This is because 3M cannot accept any responsibility or liability direct or consequential for loss or damage caused as a result of our recommendations.

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