

Product Data Sheet

Updated : March 1996 Supersedes : December 1993

Product Description

Jet-melt Adhesive 3792 LM is a general purpose hot melt adhesive applied at only 129°C.

Jet-melt Adhesive 3792 LM bonds a variety of substrates such as expanded polystyrene, polyolefins, fabric, ABS, polycarbonate and wood.

Physical Properties

Not for specification purposes

Base	EVA	
Colour	Clear	
Viscosity cP at 121°C	10500	
Temperature Control Setting	1	
FDA Accepted	Yes	
Sizes Available	15 x 203 mm for the Jet-melt Touch Control Quadrack Applicator. 15 x 48 mm for the Jet-melt Touch Control 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	
Brookfield Thermosel Viscometer.		

- 2 FDA Reg. 175.105 (adhesives) CFR Title 21.

Performance Characteristics

Not for specification purposes

Delivery Rate for 25 x 73 mm slug	N/A	
Ball and Ring Softening Point	81°C	
Heat Resistance	60 °C	
Impact Resistance	11 in/lbs at -18°C 64 in/lbs at 22°C	

Date: March 1996 3792 LM Adhesive

Performance Characteristics

Not for specification purposes

Peel Strength at 22°C	23 N/10mm
4	
Shear Strength at 22°C	2.4 MPa
Tensile Strength at 22°C	3.8 MPa
Elongation	125 %
Bonding Range 3mm bead	40 seconds

- 3 ASTM E-28-6-7.
- On Canvas.
- On Douglas Fir.
- 3mm semi circular bead, Douglas Fir to Douglas Fir.

Health and Safety Information

Hot adhesive vapours may irritate eyes and respiratory system. Do not touch hot extruded adhesive or applicator tip. Avoid prolonged breathing of vapours.

Avoid eye exposure to heated product vapours. In case of skin contact with hot adhesive, immediately flush with cold water and cover with a clean dressing. Do not attempt to remove adhesive, have burn treated by a doctor.

For further health and safety information, please contact the 3M Toxicology Department in Bracknell on (0344) 858000.

3M. Jet-melt and Quadrack are trademarks of the 3M Company.

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.



Specialty Tapes & Adhesives

© 3M United Kingdom PLC 1996

3M United Kingdom PLC 3M House, 28 Great Jackson Street, Manchester. M15 4PA

Customer Service:

Tel 0161 236 8500 Fax 0161 237 1105 3M Ireland 3M House, Adelphi Centre, Upper Georges Street, Dun Laoghaire, Co. Dublin, Ireland

Customer Service:

Tel (01) 280 3555 Fax (01) 280 3509