



JM663 Hot Air Leveling Tape

JM663 paper tape is applied to mask gold fingers, tab areas, and other sections of printed circuit boards during the hot air leveling process. **JM663** uses a silicone adhesive for the most demanding HAL applications. **JM663** adhesive is specially formulated to hold down and protect the gold fingers during rigorous HAL operations, yet remove cleanly from the board without splitting or leaving adhesive residue. Its thin construction reduces the damning at the solder/tape butt line and is a proven, effective mask in double wrap applications.

Applications

- Hot Air Leveling

Product Benefits

- Excellent conformability
- High Tack
- Removes Clean

Technical Properties

Total Thickness (including liner)	9.5 mils
Adhesive Type	Silicone
Adhesive Thickness	3 mils
Release Liner Thickness (76# polycoated)	6.5 mils
Tensile Strength	25 lb/in
Operating Temperature	-100F to 500F
<i>Values shown are typical. Certified test reports for writing specifications are available.</i>	

Recommendations

Application to Primary Surface:

Unwind adhesive film or tape and apply the adhesive side to the mounting surface. Apply firm pressure. Recommended application temperature to achieve best results to 65°F (18°C) or above. Proper bonding may not occur unless adhesive and surface material are both at 65°F (18°C) or above.

Application to Secondary Surface:

Peel off the protective release liner and apply the adhesive side to the desired surface. Apply firm pressure. Recommended application temperature to achieve best results to 65°F (18°C) or above. Proper bonding may not occur unless adhesive and surface material are both at 65°F (18°C) or above.

NOTE: 1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.

2. Shelf life is one year from date of shipment when stored in a cool dry place below 76°F (24°C). Rolls should be stored on end.

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