

9588 Double Coated Tape

Preliminary Product Data Sheet

Updated : 18.01.01
Supersedes : New

Product Description High tack synthetic rubber adhesive double coated tape, with a 12 micron polyester film carrier.

Physical Properties
Not for specification purposes

Adhesive Type	Synthetic rubber	3M ref : Medium-firm
Liner	80 gsm. White siliconised paper –	
Thickness (ASTM D-3652) Tape	0.14mm. (140 micron)	
Shelf Life	12 months from date of despatch by 3M when stored in the original carton at 21°C (70°F) & 50% Relative Humidity	

Performance Characteristics
Not for specification purposes

Peel Adhesion AFERA 4001	19 N/cm	
Temperature Performance Continuous Exposure Short Term Seconds	50 °C 70 °C 90 °C	

Performance Characteristics
Not for specification purposes

The high tack adhesive features very high initial adhesion to a wide variety of high energy surfaces, and many plastics such as Polypropylene, and Nylon etc.

Good adhesion to a wide variety of substrates.

Easy liner release.

The polyester carrier provides a stable film which is suitable for high speed, accurate die-cutting.

Application Techniques

1. Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure develops better adhesive contact & thus improves bond strength.

2. To obtain optimum adhesion, the bonding

surfaces must be clean dry and well unified. A typical surface cleaning solvent is isopropyl alcohol & water. Use proper safety precautions for handling solvents.

3. Ideal tape application temperature range is 21°C to 38°C (70°F to 100°F).

Initial tape application to surfaces at temperatures below 10°C (50°F) is not recommended because the adhesive becomes too firm to adhere readily. However once properly applied low temperature holding is generally satisfactory.

Applications

This tape is well suited for attaching a wide variety of similar and dissimilar materials where an aggressive adhesive with high initial adhesion is desired.

High adhesion to low surface energy plastics such as Polyethylene

Miscellaneous joining and holding where high initial adhesion, easy liner release.

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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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