



9040 General Purpose Double Coated Tape

Product Data Sheet

Updated : April 2000
Supersedes : New

Product Description

9040 is a general-purpose double-coated tape. It features a high tack, high initial adhesion rubber pressure sensitive adhesive, a tissue carrier and an easy to remove siliconised paper liner.

Physical Properties

Not for specification purposes

Adhesive Type	Rubber
Carrier	Tissue Paper
Release Liner	Brown Siliconised Paper
Thickness (ASTM D-3652) Tape Liner	100 µm 80 µm
Tape Colour	Cream
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

Adhesion to Stainless Steel <small>AFERA 4001 modified</small>	7.5 N/10mm	
Temperature Performance Continuous Use Short Term	-20 °C / + 50°C + 70°C	

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Additional Product Information

- 9040 tape features excellent balance between high tack /initial adhesion and good room temperature shear resistance.
- 9040 tape has been developed for applications on various surfaces including low surface energy plastics like polyethylene and polypropylene. However, it is necessary to systematically evaluate surface compatibility before starting an application.
- The easy to remove liner shows good processing and die-cutting properties.
- 9040 tape should not be exposed to organic or aromatic solvents.

Application Techniques

1. Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure develops better adhesive contact and 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 and water. Use proper safety precautions when handling solvents.
3. Ideal tape application temperature range is 21°C to 38°C. Initial tape application to surfaces at temperatures below 10°C is not recommended because the adhesive becomes too firm to adhere readily. However once properly applied low temperature holding is generally satisfactory

Applications

9040 is a general purpose double coated tape for uses such as holding, fixing and mounting of various substrates, in moderately demanding applications.

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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