

Acrylic Double Coated Film Tape Datasheet

Product Code: RC13-PSA-9731

Product Description

9731 tape is a 0.14mm thick polyester film tape with a polycoated paper release liner on the acrylic adhesive and polyester film release liner on the silicone adhesive.

Physical Properties

Property	Value
Adhesive Type: Film Lined Side Polycoated Paper Lined Side	Film Silicone Film Acrylic (A25)
Adhesive Carrier	0.025mm thick Polyester
Thickness (ASTM D-3652): Paper Release Liner Film Release Liner Tape Only	0.13mm 0.10mm 0.14mm
Release Liner Silicone Adhesive Side Acrylic Adhesive Side	Release coated polyester film Silicone coated natural polycoated paper
Tape Colour	Translucent
Shelf Life	12 months from date of receipt by customer when stored in the original carton at 21°C (70°F) & 50% Relative Humidity
Adhesion to Stainless Steel	Silicone adhesive side 3.2 N/10mm Acrylic adhesive side 7.6 N/10mm
Relative High Temperature Operating Performance Max: Minutes / Hours Max: Days / Weeks	205°C 150°C
Relative Solvent Resistance	Very Good
UV Light Resistance	Not recommended for direct exposure to sunlight or other sources of ultraviolet light



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.



Manufacturers · Designers · Distributors

Experts in
Rubber

Application Techniques

1. Bond strength is dependant 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. Some typical surface cleaning solvents are isopropyl alcohol or heptane.

Note: Follow manufacturers' precautions and directions for use when using 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.

Suggested Applications

A firm silicone pressure sensitive adhesive system is coated on one side of a polyester film carrier and a high performance acrylic adhesive is coated on the other side of the carrier. The silicone adhesive features strong holding power to various silicone surfaces, good temperature performance and good solvent resistance.

This tape also features high adhesion of the acrylic adhesive to a variety of surfaces along with good temperature performance and good solvent resistance.

Bonding silicone gaskets to metal or glass surfaces.

Bonding silicone rubber pad to the glass.

Splicing silicone coated papers.

Ideal for die cutting application (key pad for calculators and microwave ovens).

Splicing polyester flexo printing plates.



The information contained on this product information sheet is to be used as guidance. The advice is given in good faith and does not constitute any guarantee or recommendation for suitability. The Rubber Company cannot be held liable for any damage caused by incorrect installation. We hereby reserve the right to change the technical information herewith without notification or prior agreement.

E sales@therubbercompany.com • W www.therubbercompany.com • T +44 (0) 1794 513 184

The Rubber Company Limited - Registered in England and Wales
Company Number - 08350831 | VAT Number - GB 156 8355 80

REV 01
02/24