

Non-silicone Masking Tape 6323-01R

▶ Introduction

6323-01R Non-silicone masking tape has 25 μ (1mil) polyimide backing with non-silicone adhesive.

Polyimide film provides superior dielectric performance and the best high temperature properties of all organic films.

It is inherently flame resistant and stable against most chemicals and solvents.

6323-01R is designed for numerous high temperature masking applications. 6323-01R has good adhesion and holding power and it does not remain contamination and adhesive residue after the wavesoldering process.

▶ What's the benefits?

1. High performance non-silicone adhesive
2. Wide operating temperature range above 260°C
3. Removes cleanly without adhesive residue and contamination after the exposure to heat
4. Thin and conformable enabling masking of uneven surfaces
5. High strength backing provides superior resistance to puncture and tear
6. Resistance to chemical attack
7. No polysiloxane contamination after wave soldering process

▶ Applications

6323-01R Non-silicone masking tape is used for high-temperature electrical applications in which a tough, thin insulating material that is solvent resistant is required for wrapping coils, transformers, capacitors and wire harnesses.

It is also used as a cover layer material for many types of flexible printed circuit board process especially required to avoid low molecular weight polysiloxane contamination.

▶ Direct Solder Contact Test

(Comparative silicone masking tapes and 6323-01R is floated on the solder bath for 10 sec. at 288°C and then peel off each tape to check residential substances, solder penetrations and contaminations.)



Low molecular weight polysiloxane contaminations observed in comparative silicone masking tape.

▶ Properties of the Tape

Product Type	Substrate	Adhesive peel strength (gf/25mm)	Breakdown Voltage(KV)	Thickness(μ m)		Adhesive	Type
				Substrate	Adhesive		
6323-01R	Polyimide	>400	>5.0	25	50	Non-silicone	Roll

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