TECHNICAL DATA SHEET

SK2ST399-2

High-performance, silicone-based sealant tape

The SK2ST399-2 is a high-performance, silicone-based sealant tape specially designed for high-temperature composite manufacturing processes. Its key features include excellent tack and a strong bond to vacuum films like SK2VF400-1 after curing.
This tape excels in extreme heat conditions, making it ideal for use in autoclave applications, especially for producing composite materials and bulletproof glass. It bonds effectively with polyimide films, creating a reliable vacuum seal. Additionally, it offers clean, residue-free removal from tool surfaces.

The SK2ST399-2 operates across a broad temperature range, from 177°C to 399°C, ensuring outstanding performance in various high-temperature applications.

TECHNICAL DATA	VALUE
Material	Silicone based
Color	Green
Maximum use temperature*	399°C

PRODUCT ADVANTAGES

- Easy to apply at any surfaces
- Strong modulus during heating to resist flow and provide tight seal
- Strips clean from various tools surfaces both warm and cold
- Excellent resistance to common resins used in the manufacturing of composites
- Thermally stable, resist reversion at elevated temperatures

Instructions for application:

The surface should be clean, dry, smooth and dust-free.

- Place the stripe into the surface avoiding air bubbles with release paper on top;
- Remove the easy peel release film;
- Lay the film on top of the strip;
- Apply pressure by hand and/or roller SK3ROL-1 to ensure tight connection

SIZE

Thickness	3 mm
Width	12 mm
Length	7,6 m
Rolls in Box	40 rolls
MOQ	1 box

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STORAGE

Shelf life: 12 months minimum in the original packing.
Storage conditions: store below +27°C.
Do not store cartons on end, keep flat.

NOTES

*Maximum use temperature should be determined in actual process conditions. We recommend to test the product before use in serial production.

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