



TECHNICAL DATA SHEET

SK2RF400-1 Release film

► DESCRIPTION

SK2RF400-1 – is polyimide release film that provides excellent electrical, thermal, physical, and chemical properties over a wide temperature range from -265°C until +400°C in a lightweight package making it superior for a wide array of applications. Product advantages include high electric strength, isotopic property, dimensional stability, scratch and abrasion resistance.

This product is used in various manufacturing processes of parts made of composite materials.

► TECHNICAL DATA

		Test method
Material type:	Polyimide	
Color:	Amber	
Elongation at break:	85%	ASTM D882
Tensile strength:	25 Kgf/mm ²	ASTM D882
Density:	1.46 g/cm ²	ASTM D1505
Dielectric constant:	3.3	
Heat shrinkage:	0.05	ASTM D5213-04
Recommended working T:	235°C	
Max. use T*:	up to 400°C	

► SIZE

Thickness	Width	Length
12µm	1570mm	152m
25µm	1570mm	152m
50µm	1570mm	152m
75µm	1570mm	152m

Shelf life: unlimited

Storage conditions: it is recommended to store at temperatures between +10°C and +30°C in original packing.



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► **NOTE**

Maximum roll length 1524 m.

*Maximum use temperature should be determined in actual process conditions.

The maximum use temperature is dependent upon the duration at maximum temperature and is process specific, we recommend testing prior to use.