

Material:	MSD225-50A50
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Overview:

High performance spacer tapes have been specifically developed for use in membrane switch applications and associated products. The spacer tapes which utilise high performance adhesive, provide a good level of initial tack and a high level of adhesive strength. Developed for use in the harshest of conditions, spacer tapes demonstrate outstanding resistance to hostile environments. They are ideally suited for die-cutting.

Description:

The **MSD 225 50A50S1** is a high-performance double-sided spacer tape designed for applications that require excellent adhesion and temperature resistance. With a total thickness of **0.225 mm**, this clear PET tape features acrylic adhesive on both sides, ensuring strong bonding capabilities.

Key Benefits:

- **Superior Adhesion:** Bonds effectively to a variety of substrates, including both high and low surface energy materials.
- **Temperature Resistance:** Operates efficiently from **-30°C to 120°C**, with short-term resistance up to **200°C**.
- **Durability:** Engineered to withstand harsh environmental conditions, making it ideal for use in electronics, membrane switches, and flexible circuits.

The MSD series ensures precision and reliability, delivering optimal performance in critical applications

Parameters:

Characteristics	Units	Value	Test Method
Application use		Electronics Membrane, Switches Flexible, Circuits, Medical Devices	
Type		Double sided spacer tape	
Shape		Roll, Sheet	
Thickness	mm	0.225	Caliper
Application surfaces		HSE platic, LSE plastic	
Carrier material		PET (Polyester)	
Adhesive type		Acrylic	
Color		Clear	
Backing liner		White paper	
Operation temperatures	°C	-30 - 120	Thermometer

90° Peel Adhesion (on S. Steel at 22°C)	N/cm		ASTM D3330
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Warranty:**Technical data**

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