

<b>Material:</b>	<b>MSD175-50A50</b>
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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 175 50A50S1** is a high-performance double-sided spacer tape tailored for applications demanding strong adhesion and thermal stability. With a total thickness of **0.175 mm**, it is made from clear PET material, ensuring visibility and effective bonding.

**Key Benefits:**

- **Superior Adhesion:** Provides robust bonding to various substrates, including both high and low surface energy materials.
- **Temperature Resistance:** Operates effectively from **-30°C to 120°C**, with short-term resistance up to **200°C**.
- **Durability:** Designed to endure harsh conditions, making it ideal for electronics and membrane switches.

The MSD series guarantees 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	0.175	Caliper
Application surfaces		HSE plastic, 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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**Use of the product**

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