

Tape 3855C

Details

Item No.	3855C	Specification	1020MM*66M
Physical Properties			
Material	Polyester Film (PET Film)		
Adhesive Type	Silicone		
Total Thickness	0.055 ± 0.003 mm		
Length (M)	66M + 0.5M		
Width (MM)	1020MM + 5MM		
Core	3" PE		
Initial Tack (NO/BALL#)	16		
Adhesion (kg/25mm)	0.7 - 0.9		
Elongation (%)	70		
Tensile Strength (kg/25mm)	12		
Appearance	Green		
Temperature Resistance	180°C / 30min		
Storage Conditions	Temp. 25±2°C, Humidity 65±5%		

Application Scenarios

Tape 3855C is a general-purpose silicone adhesive tape suitable for various bonding, holding, and masking applications that require moderate temperature resistance and reliable performance.

General Electronics Masking & Protection: Ideal for protecting sensitive components or masking areas during soldering, painting, or coating processes in electronics assembly, thanks to its ability to withstand 180°C for 30 minutes.

Light-Duty Bonding in Manufacturing: Suitable for bonding lightweight plastic parts, nameplates, or decorative trims where a balance of adhesion and clean removal is desired.

Temporary Fixation & Securing: Can be used to temporarily secure components, wires, or labels during production, testing, or packaging operations.

Surface Protection: Its silicone adhesive allows for clean removal from many surfaces, making it a candidate for protecting finished surfaces from scratches, dust, or overspray during handling and shipping.

Product Description

The 3855C is a single-sided silicone adhesive tape on a green polyester (PET) film backing. It offers a reliable combination of adhesion, temperature resistance, and handling properties for a range of industrial applications.

Key Features:

Moderate High-Temperature Resistance: Withstands temperatures up to 180°C for 30 minutes, suitable for many electronic and light industrial processes.

Silicone Adhesive: Provides stable adhesion and allows for generally clean removal from a variety of substrates, minimizing residue.

Balanced Physical Properties: Features a tensile strength of 12 kg/25mm and an elongation of 70%, offering good handling strength and some conformability.

Consistent Dimensions: Supplied with precise width (1020mm) and length (66m) tolerances on a standard 3-inch polyethylene core, facilitating automated processing and die-cutting.

Standard Specifications: Defined adhesion (0.7-0.9 kg/25mm) and initial tack (16 NO/BALL#) ensure predictable performance.

It is recommended for end-users to perform tests under specific application conditions to verify suitability for their intended materials and environment.