

PRODUCT

ESD Cellulose Tape



FEATURES

- Backing Material: Natural transparent cellulose
Thickness: $27 \pm 0.66\mu\text{m}$ (40g/m^2)
- Adhesive: Environment friendly hot glue
Thickness: $20 \pm 1\mu\text{m}$ (20g/m^2)

PRODUCT CODE	DESCRIPTION	SIZE	QUANTITY
054-0123	ESD Cellulose Tape	25mm x 66m	Each
054-0124	ESD Cellulose Tape	50mm x 66m	Each

TECHNICAL INFORMATION

Material Content	Substance Name	Substance Ratio
Transparent Cellulose	$(\text{C}_6\text{H}_{10}\text{O}_5)_n$	53.33%
Softener	$\text{C}_3\text{H}_8\text{O}_3$	8%
Water	H_2O	5.33%
TPE	SIS	21%
Tackifying Resin	C5Petroleum Resin	5%
Tackifying Resin	Hydrogenated Rosin	4%
Softener	Liquid Paraffin	1.67%
Viscosity Modifier	Paraffin wax and hydrocarbon wax	0.17%
Flame Retardant	Chlorinated Paraffin	1.5%

To request a quotation or for more information, please call **+44 (0)1473 836200**
email info@antistat.co.uk or visit www.antistat.co.uk

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PHYSICAL PROPERTIES

Test Items	Unit	Average Value	Testing Result
Average Thickness	µm	47	48
180°C Peel Strength	N/cm	≥2.5	6.1
90°C Peel Strength	N/cm	≥2.0	5.3
Initial Adhesion	N	≥8	15.8
Holding Adhesion	h	≥24	48
Tensile Strength-longitudinal	N/cm	≥15	38.5
Elongation at break-longitudinal	%	≥8	21.3
Unwinding Force at Low Speed	N/cm	≤0.5	0.082
Surface Resistance	ohms	10 ⁸ -10 ¹⁰	10 ⁸ -10 ¹⁰
Tribocharging	V	Less than 100	Less than 100

APPLICATION CONDITIONS

Recommended Using Environment	Parameter
Temperature	10-100°C
Humidity	45-75%
Storage Temperature	<50°C
Storage Humidity	Keep sealed away from light
Storage Time	12 Months

SPECIFICATIONS

Content	Measurement	Testing Value
Thickness	µm	47
Width	mm	25/50
Length	m	66
Paper Core	mm	76
Weight	g/m ²	60

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