



#1 Coating Technology in The World
Molecule Gradient Layer (MGL)TM Technology

Electric conductive double coated adhesive tape

SSEC60C

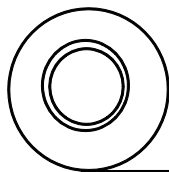
Feature

Adhesive tape with acrylic adhesive applied to both sides of soft aluminum foil
Using a special conductive adhesive, excellent in initial tack, flexible soft aluminum foil is used for the support, so follow the curved well well.
Because aluminum foil is used, it has excellent thermal conductivity.

Application

Electrostatic removal and grounding
Static electricity removal application

Structure



Aluminum base material (thickness 25 μm)
Adhesive layer containing conductive powder
release paper

Adhesive layer containing conductive powder on both sides of aluminum base

Properties

Item	unit		Test method
Length	m	100	
Thickness of substrate	mm	0.025	
Thickness of tape	mm	0.04	
Adhesive force	N/inch	8	JIS Z0237
Volume resistance	$\Omega \cdot \text{cm}$	under 1	SRIS 2301
Ball Tack	No.	11	JIS Z0237

※Measure method

electrical conductivity SRIS 2301 JIS K6911
Adhesive force JIS Z0237

※Measurement conditions:

Adhesive force PET#25 backing, peeling speed 300mm/min, 180° angle.

Precautions on use

All technical data are prepared based on the tests and measured values carried out in the laboratory of KGK Chemical Corp. as the standard.

However, product characteristics may vary greatly depending on environment and adherend.

Therefore, regarding these characteristic data, it is a reference value, not a guaranteed value.

Before using it please make sure that this product is suitable for the intended use and environment.

Caution on storage

Please be sure to put it in a box and keep it.

Please choose a cold and dark place not to be exposed to direct sunlight for the storage location.

In particular, please do not expose to high temperature and high humidity

(temperature 30 °C or more and humidity 50% or more forbidden).

The warranty period of the tape is unopened and it is six months after shipment.

KGK Chemical Corp.
940 Minaminagai Tokorozawa-City saitama-Pref
359-0011 Japan
Tel : +81 4 2944 5151
Mail : postbox@kgk-tape.co.jp
URL : <http://www.kgk-tape.co.jp/>

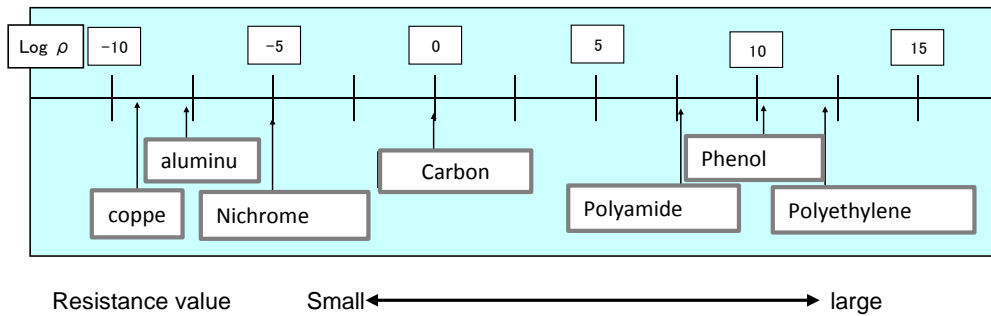
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[Supplementary information]

① About conductive material

Various materials by volume specific resistance (ρ)

Volume intrinsic resistance value of various materials with difference in log volume specific resistance value (Log ρ)



② Conductive material classification

An example

Uniform conductive material

Metal body · Graphite material

Composite conductive material

Resin composite material

Carbon black heating element

Organic conductive material

③ Conductive composite material-1

Percolation model

Mechanism of conductivity

When filling the insulating resin with conductive particles, the conductive particles are connected and electricity flows.

