

# MOUNTING TAPE 3205

Electrically conductive mounting tape for conductivity and EMI shielding



A double-sided self-adhesive transfer tape for mounting purposes. This tape can be applied much more quickly than a conductive glue and it is easy to position it very accurately. No time is required for curing (for the pressure-sensitive version). For lower resistance and/or to fill in gaps on a rough surface, we recommend Shieldokit electrically conductive two-component adhesive (see Conductive glue)

## APPLICATIONS

3205 Conductive adhesive is especially useful where it is required to bond conductive materials together, while at the same time maintaining electrical conductance from one material to the other through the bond.


## METHOD OF APPLICATION

Apply the tape to one of the surfaces to be bonded. Use firm pressure to ensure intimate contact to the surface. If possible allow up to 15 minutes for the bond to develop before removing the paper interliner. Apply the second bonding surface to the adhesive layer, again using firm pressure. Note: Bonding surfaces should be clean & dry.

## STABILITY OF 3205

3205 will withstand long term exposure (up to 20.000 hours) at temperatures up to 130°C. The acrylic adhesive is uv resistant and is unaffected by exposure to sunlight or humidity. Note: When laminated to conductive substrates such as metal foils and conductive fabrics/non-wovens the adhesive strength of the laminated product may vary slightly from that stated above due to different substrate rigidities.

## TECHNICAL DATA

Part number (with conductive adhesive)	3205
Part number (with standard adhesive)	-
Construction	
Color	Transparent
Base material	Silicone release paper
Total thickness	0.050 mm
Adhesive	Electrically conductive acrylic
Adhesive performance	5.5 N/cm
Temperature resistance	Standard -20°C up to +130°C Short term up to 180°C
Electrical resistance	0.01Ω/□
Shelf life	6 months from date of delivery
Storage	Cool and dry in original packaging at 23°C +/- 2°C and 50% Relative Humidity +/- 2% RH
Standard roll widths (mm)*	10, 25, 50, 100
Roll lengths*	66 m

These values are measured under laboratory conditions. In other situations results may differ; please read our Guarantee.

## ORDER EXAMPLE

Part number	Width (mm)	Length (mm)
3205	<input type="text"/>	<input type="text"/>
	<small>The desired width of the roll (see table above)</small>	<small>Specify the length of the tape in meters</small>

### \*Notice

Information supplied in these data sheets is based on independent and laboratory tests which Holland Shielding Systems BV, hereafter referred to as HSS believes to be reliable. HSS has no control over the design of customer's product which incorporates products, therefore it is the responsibility of the user to determine the suitability for his particular application and we recommend that the user make his own test to determine suitability.

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