

Packstat PS583 is a single sided electrically conductive self-adhesive tape. It consists of an electrically conductive copper backing and an electrically conductive acrylic adhesive. Designed for EMI shielding and ESD grounding for display and other components applications.

### Product Benefits

- Excellent EMI shielding performance
- Excellent electrical conductivity in XYZ-direction for very good grounding performance
- High adhesion level

### Main Applications

- EMI shielding and grounding applications
- Electrostatic discharge applications
- FPC shielding

Product Properties	Unit	Nominal Value
Backing material	n/a	copper film
Adhesive Type	n/a	conductive acrylic
Type of liner		PET
Total thickness	µm	50
Colour	n/a	orange
Colour of liner	n/a	transparent
Thickness of liner	µm	50
Contact resistance z-direction (initial)	Ohm / square inch	0.05
Release of liner		easy
Static shear resistance at 40°C	n/a	good
Surface resistance x-y-direction (adhesive)	Ohm / square	0.2
Surface resistance x-y-direction (backing)	Ohm / square	0.2
Temperature resistance short term	°C	200
Adhesion to Steel (after 14 days)	N/cm	7.5

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The information supplied is accurate to the best of knowledge and is based upon current data. Properties quoted are typical and do not therefore, constitute a specification. Customers are recommended to complete their own assessment of the product for its intended application under their own conditions. Once issued however, it is an uncontrolled document. Please refer to our Terms & Conditions of Sale for further information.

Packstat Ltd, Ely Valley Business Park, Pontyclun, CF72 9DZ | T 01443 223361 | [enquiries@packstat.co.uk](mailto:enquiries@packstat.co.uk) | [packstat.co.uk](http://packstat.co.uk)