



Technical  
**DATA**

## U891

### Anisotropic Conductive Acrylic Transfer Tape - 2 mils (50 micron)

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#### DESCRIPTION

Scapa U891 is an electrically conductive acrylic transfer tape, supplied with a 76# polycoated release liner.

#### APPLICATIONS

- EMI / RFI shielding.

#### PRODUCT BENEFITS

- Service temperature: -40°C to +150°C continuous (+180°C peak).
- Service temperature: -40°F to +302°F continuous (short term: 356°F).
- Moisture resistant polycoated liner prevents wrinkling.
- Adheres to a variety of surfaces including metals, painted surfaces, and many plastic films.
- Good chemical resistance.
- High shear strength.
- Moderate initial tack, building to higher adhesion levels with increasing dwell time.
- Excellent Z direction conductivity.

## TECHNICAL PROPERTIES

Technical Property	Nominal Value	Unit	Test Method
Adhesive Colour	Grey	-	-
Adhesive Thickness (Conductive acrylic)	2 (0.051)	Mils (mm)	-
Holding Power	>1440	Min	PSTC 107 (Mod/178deg) 2.2 psi (1"x1"x1000g) @RT
Peel Adhesion	32 (8.8)	Oz/Inch (N/25mm)	PSTC 101 Mod. Initial to S.S. (20 min. @ RT)
Release liner Thickness (76# polycoated)	5.5 (.140)	Mils (mm)	-
Resistance (WIN TM 070)	25	mΩ	-

## STANDARD PRESENTATIONS

- Core Diameter: 76mm (3") plain plastic
- Log width: 1,372mm (54")
- Formats: Logs, rolls

*Note:*

*NOTE: Pattern coated format also available on request.*

## RECOMMENDATIONS

Application to Primary Surface:

Unwind adhesive film or tape and apply the adhesive side to the mounting surface. Apply firm pressure. Recommended application temperature to achieve best results is 65°F (18°C) or above. Proper bonding may not occur unless adhesive and surface material are both at 65°F (18°C) or above.

Application to Secondary Surface:

Peel off the protective release liner and apply the adhesive side to the desired surface. Apply firm pressure. Recommended application temperature to achieve best results is 65°F (18°C) or above. Proper bonding may not occur unless adhesive and surface material are both at 65°F (18°C) or above.

NOTE:

1. When applying pressure sensitive adhesive films to any surface, be sure that the surface is free from oil or other surface contaminants such as powder, dust, or release agents. Adhesive performance should be carefully checked when used on substrates containing plasticizers.

2. Shelf life is one year from date of shipment when stored in a cool dry place below 76°F (24°C). Rolls should be stored on end.