



## 114-26 B

### ELECTRICALLY CONDUCTIVE POLYMER COATED FILM

**DESCRIPTION:** 114-26 B is a medical grade, electrically conductive, polymer coated polyester film composition. It is typically used as a component for fabricating electrodes in medical testing applications. This product has been formulated to have improved conductivity and high electrical dissipation properties. Some added applications for 114-26 B include, but are not limited to, emi/rfi shielding, polymer thick film circuitry, membrane switches and electrical static dissipation. 114-26 B is available in rolls ranging in widths up to 20 inches and lengths up to 2000 feet.

#### PHYSICAL DATA:

Substrate Type	Polyester Film
Substrate Thickness (mils)	3.5 to 4.5
Conductive Coating	CMI #113-09
Conductive Coating Type	Silver/ Silver Chloride
Conductive Coating Thickness, min. (mils)	0.8-0.9
Crease Resistance	Excellent
Volume Resistivity, max. ( $\Omega$ -cm)	$8.0 \times 10^{-5}$
Sheet Resistivity, max. ( $\Omega$ /sq)	0.05
Solderable	No
Useful Temperature Range ( $^{\circ}$ C)	-55 to > 100
Ph (water extraction)	5.0 to 7.0
Adhesion (CMI TM-14)	Class 3B or better
Shelf Life (as supplied)	2 years or more