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## 129-08

### MEDICAL ELECTRODE FILM

**DESCRIPTION:** 129-08 is a medical grade, electrically conductive, electrode film. This film is typically used for fabricating ECG/EKG electrodes in medical testing applications and provides long shelf life of pre-gelled electrodes. This product has been formulated to have improved performance in biorhythm monitoring applications where stable conductivity and high electrical dissipation properties are required. Additional applications for 129-08 include, but are not limited to, EEG, TENS and Reference electrodes. 129-08 is available in rolls ranging in widths up to 9 inches and lengths up to 5000 feet.

#### PHYSICAL DATA:

Substrate Type	Polyester Film
Substrate Thickness (mils)	3.5 to 4.5
Conductive Coating Type	Silver / Silver Chloride / Carbon over Carbon
Total Conductive Coating Thickness	10-12 lb/ream
Crease Resistance	Excellent
ACZ, max. ( $\Omega$ )	400
SDR max (mV)	25
SDR Rate max	1.0 mV/s
Useful Temperature Range ( $^{\circ}\text{C}$ )	-55 to > 100
pH (water extraction)	5.0 to 7.0
Adhesion min (ASTM D3359)	Class 3B
Shelf Life min	2 years

**HANDLING RECCOMENDATIONS:** Avoid leaving films in direct exposure to sunlight/UV light as silver-chloride can discolor. Avoid contact with non noble metals to avoid corrosion. Avoid contamination with lubricants during die cutting procedures.