

**ELECTRICALLY HEATED FILM
MODELS HL, HS, H2**



Seaclear’s electrically heated film consists of a clear resistive polyester which when connected to a controlled voltage, current flows through causing it to heat.

More specifically, the film is PET which has been coated with Indium Tin Oxide (ITO) and laminated to an optically clear adhesive. Through an etching proces, the perimeter of the PET is electrically isolated thus preventing a live potential and eliminating the risk of edge deletion.

The PET and adhesives possess UV inhibitors to eliminate yellowing. The PET is also hard-coated to prevent scratching due to normal cleaning.

Typical applications include transportation windows, microscope slides, camera lenses, LED lens defrosters.

TRANSPARENCY	>75%
HAZE	4%
THICKNESS*	9 MIL
HARD-COAT	3H
UV RESISTANCE	COLOR SHIFT DELTA E<6

TEMPERATURE APPLICATION	40°-104°f
END USE	-22° - 200°f

MAX INPUT VOLTAGE	240 VAC
MAX POWER DENSITY	1.3 WPSF

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