elecrom
FILMS FOR ELECTRONICS

ELECROM is our line of PET films treated for printed electronics applications.

The line includes:

FILMS FOR GRAPHIC OVERLAY
Designed for the preparation of membrane switches, these films have a hard coat treatment on one side and they are treated to ensure the best printing versatility on the opposite side.

FILMS FOR CONDUCTIVE INKS
Designed to be printed with conductive inks, they are exposed to an advanced heat stabilization process, and therefore maintain the highest dimensional stability and perfect planarity through the printing process.
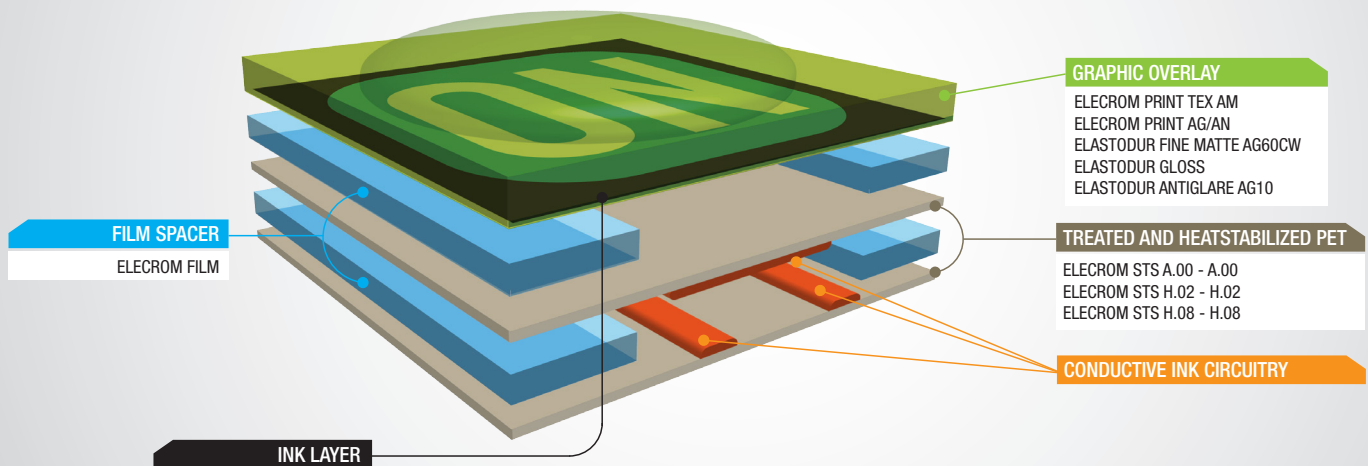
CROSS SECTIONAL VIEW OF A KEY ON A MEMBRANE SWITCH PAD

GRAPHIC OVERLAY
ELECROM PRINT TEX AM
ELECROM PRINT AG/AN
ELASTODUR FINE MATTE AG60CW
ELASTODUR GLOSS
ELASTODUR ANTIGLARE AG10

TREATED AND HEATSTABILIZED PET
ELECROM STS A.00 - A.00
ELECROM STS H.02 - H.02
ELECROM STS H.08 - H.08

CONDUCTIVE INK CIRCUITRY

FILM SPACER
ELECROM FILM

INK LAYER

films for graphic overlay (cover)

PRINT TEX specially treated on one side for the best bonding with UV inks printed with inkjet technology, they can also be screen printed with solvent and UV inks. The other side features an antiscratch and antimicrobic matte finishing, which grants best bonding with gloss varnishes.

PRINT AG/AN the printable side designed specifically for UV inkjet system it features an antiglare antinewton treatment on the hard coated surface.

ELASTODUR is a line of specialty films designed by Kimoto and marketed by Policrom. They are treated for screen printing and UV inkjet inks. The finish on the anti-scratch side is available in three versions: fine matte, gloss and gloss antiglare.

heat stabilized pet films for conductive circuits

STS A.00-A.00 Clear treatment for the bonding of inks, resins and adhesives, designed for clear conductive inks such as PEDOT or metallic nano molecules based inks.

STS H.02-H.02 *Special bonding treatment* that increases the surface energy (wettability) ensuring a strong bonding of inks, resins and adhesives, designed for silver (conductive) and carbon (resistive) inks.

STS H.08-H.08 *Super bonding treatment* that increases the surface energy (wettability) ensuring the strongest bonding of the inks, resins and adhesives.

Films for flexible circuits

PRODUCT NAME	FINISH & FEATURES	NOMINAL THICKNESS (MIC)	ROLLS STANDARD SIZES	SHEETS STANDARD SIZES
ELECROM PRINT TEX AM	Matt antimicrobic	125 - 175	1220 mm x 50/100 mt	700 x 1220 mm
ELECROM PRINT AG/AN	Gloss antiglare/antinewton	188	1000 mm x 50/100 mt	500 x 700 mm
ELASTODUR FINE MATTE AG 60 CW	Fine matte available with our without protective liner	125 - 188	1270 mm x 50/100 mt	700 x 1270 mm
ELASTODUR GLOSS	Gloss available with or without protective liner	125 - 188	1270 mm x 50/100 mt	700 x 1270 mm
ELASTODUR ANTIGLARE AG 10	Gloss antiglare with protective liner on print side	188	1270 mm x 50/100 mt	700 x 1270 mm

Our products are also available in other sizes which require feasibility analysis and pricing.

COMPATIBLE INK: SILK SCREEN - UV INKJET

PRODUCT NAME	FINISH & FEATURES	NOMINAL THICKNESS (MIC)	ROLLS STANDARD SIZES	SHEETS STANDARD SIZES
ELECROM STS A.00-A.00	Transparent gloss	125	1220 mm x 100 mt 610 mm x 100 mt	A4 - A3 700 x 1220 mm
ELECROM STS H.02-H.02	Light matte low haze	100 - 125	1220 mm x 50/100 mt 610 mm x 50/100 mt	A4 - A3 700 x 1220 mm
ELECROM STS H.08-H.08	Medium matte medium	75 - 125	1220 mm x 100 mt 610 mm x 100 mt	A4 - A3 700 x 1220 mm

Our products are also available in other sizes which require feasibility analysis and pricing.

COMPATIBLE INK: SILVER CONDUCTIVE