

**LAH PLASTIC HiCo 4000 Oe** *plastic cards and bank cards*

**TOTAL LAMINATION FOIL, HIGH COERCIVITY, (PROTECTIVE LAYER)**

LAH magnetic foil uses state of the art barium ferrite oxide to achieve high signal levels, conforming to ISO7811/6. LAH is a total lamination tape and carries a protective layer over the magnetic coating to provide enhanced durability, mark resistance and slip. The unique formula allows this product to be used with lamination temperatures from 110-160°C.

<b>Characteristics</b>	<b>LAH E39A</b>	<b>LAH E39B</b>
BASE FILM	Polyester	Polyester
BASE THICKNESS	12µm	12µm
TOTAL THICKNESS	32µm	32µm
OXIDE COLOUR	Black	Black
WINDOW OUTPUT	160% against ISO 7811/6 standard	105% against ISO 7811/6 standard
ACTIVATION TEMP	110-160°C	110-160°C
SPECIAL FEATURES	High Output	High Dureability

AVERAGE READ BACK SIGNAL	80% < = Average Read Back Signal < = 120%
AVERAGE WRITE CURRENT	350% < = Average Write Current < = 500%
ABRASION RESISTANCE	>50% of initial Window Output at 350 Taber cycles / 4000 cycles ISO head tester
RETENTIVITY	106 +/- 10% mT
SQUARENESS Br/Bs	>0.80
REMANENCE	0.76 mx/cm +/- 10.0%