

**LAL PLASTIC LoCo 3000e** *plastic cards and bank cards*

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

LAL magnetic foil uses state of the art Ferric oxide to achieve high signal levels, conforming to ISO7811/2. LAL is a total lamination tape and carries a protective layer on 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.

Characteristics	LAL J39	LAL J40
BASE FILM	Polyester	Polyester
BASE THICKNESS	12µm	12µm
TOTAL THICKNESS	32µm	32µm
OXIDE COLOUR	Black	Brown
WINDOW OUTPUT	105%	105%
ACTIVATION TEMP	110-160°C	110-160°C
SPECIAL FEATURES	High Durability	High Durability

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	135 +/- 10% mT
SQUARENESS Br/Bs	>0.80
REMANENCE	0.95 max/cm +/- 10.0%