

# TAH PLASTIC HiCo 3600/4000Oe *plastic cards and bank cards*

## TRANSFER FOIL, HIGH COERCIVITY (PROTECTIVE LAYER)

TAH magnetic foil uses state of the art Barium ferrite oxide to achieve high signal levels, conforming to ISO7811/6. TAH is a transfer foil with a protective layer on the magnetic coating to provide enhanced durability, mark resistance and slip. Applications include normal transfer onto PVC overlay for sandwich thermo lamination and in line transfer onto core PVC sheets.

Characteristics	TAH E29A 4000 Oe	TAH E29B / TAH E23B 3600 Oe	TAH E28D
BASE FILM	Polyester	Polyester	Polyester
BASE THICKNESS	19µm	19 µm 16µm - E23B	19µm
TOTAL THICKNESS	32µm	32µm 29 µm - E23B	32µm
OXIDE COLOUR	Black	Black	Black
WINDOW OUTPUT	160% against ISO 7811/6 standard	105% against ISO 7811/6 standard	105% against ISO 7811/6 standard
ACTIVATION TEMP	130-150°C	130-150°C	130-150°C
SPECIAL FEATURES	PVC t	PVC	PET/PVC

AVERAGE READ BACK SIGNAL	80% < = Average Read Back Signal < = 120%
AVERAGE WRITE CURRENT	350% < = Average Write Current < = 500%
ABRASION RESISTANCE	>70% of initial reading, 250 Taber cycles / 4000 ISO head cycles
RETENTIVITY	106 +/- 10% mT
SQUARENESS Br/Bs	>0.80
REMANENCE	0.76 mx/cm +/- 10.0%