

# TAH PLASTIC HiCo 27500e

*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 on to core PVC sheets.

Characteristics	TAH F23	TAH F28	TAH F29
BASE FILM	Polyester	Polyester	Polyester
BASE THICKNESS	16µm	19µm	19µm
TOTAL THICKNESS	31 ±1µm	31 ±1µm	31 ±1µm
OXIDE COLOUR	Black	Black	Black
WINDOW OUTPUT	A 105%	A 105%	A 105% C 110%
ACTIVATION TEMP	140-160°C	140-160°C	130-160°C
SPECIAL FEATURES	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, 200 Taber cycles / 4000 ISO head cycles
RETENTIVITY	106 +/- 10% mT
SQUARENESS Br/Bs	>0.80
REMANENCE	1.22 mx/cm +/- 10.0%