

TAL PLASTIC MedCo 650Oe *plastic cards and hotel key cards*

TRANSFER FOIL, LOW COERCIVITY (PROTECTIVE LAYER)

TAL magnetic foil uses state of the art ferric Cobalt oxide to achieve high signal levels, conforming to ISO7811/8. TAL 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 without lamination.

Characteristics	TAL N28	TAL N29	TAL N29C	TAL N37	TAL N41
BASE FILM	Polyester	Polyester	Polyester	Polyester	Polyester
BASE THICKNESS	16µm	16µm	16µm	16µm	16µm
TOTAL THICKNESS	27µm	25µm	27µm	27µm	28µm
OXIDE COLOUR	Black	Black	Black	Black	Black
WINDOW OUTPUT	105%	105%	160%	105%	105%
ACTIVATION TEMP	140-160°C	140-160°C	140-160°C	140-160°C	140-160°C
SPECIAL FEATURES	PET	PVC	High output	Bank Book	Low Temp high durability

AVERAGE READ BACK SIGNAL	80% <= Average Read Back Signal <= 130%
AVERAGE WRITE CURRENT	350% <= Average Write Current <= 500%
ABRASION RESISTANCE	>70% of initial reading, 200 Taber cycles / 4000 ISO head cycles
COERCIVITY	650 Oe +/- 15 Oe
SQUARENESS Br/Bs	>0.80
REMANENCE	1.25 mx/cm +/- 10.0%