

## Thermal Transfer Ribbon

## || AG50 ||

### Description:

Excellent durability for heavy duty labeling applications. Maximum abrasion resistance assures lasting variable barcodes and text. Full resin ribbon bonds to a variety of high-end synthetics, providing excellent scratch and smudge resistance. Image quality is unsurpassed, especially crisp for high-resolution output required for small text and 2D barcodes.

AG50 offers very good printing quality. It is possible to choose from wide range already slitted rolls for different types of thermal transfer printers with flat head. AG50 is suitable for printers with flat heads such as Avery, Novexx, Zebra, Datamax, Intermec, Citizen, Sato and others.

### Benefits:

- Excellent mechanical durability
- Good resistance to typical chemicals
- Very dark black images with exceptional sharpness
- Prints on a wide range of synthetic receivers
- Anti-static formula and backcoat extend printhead life
- UL/CSA recognized

### Recommended media:

- Top-coated and print-treated polyester
- Polyimide fi lms
- Polypropylene
- Polyethylene
- Vinyl
- Nylon

### Applications:

- general purpose labeling
- retail tag and label applications
- pharmaceutical and healthcare applications
- industrial and outdoor applications
- automotive applications
- garment
- life sciences

- medical devices
- electronics

## Technical specifications:

Film Thickness	4,5 microns
Total ribbon thickness	6,2 microns
Transmission density	1,00 MacBeth Scale
Ink melting temperature	110°C/230°F

## Imaging Characteristics

Printer.....	Flathead
Max Print Speed.....	6IPS (150 mm/s)
Energy Range.....	Upper
Image Darkness.....	>2.2 RD (densitometer)
Scratch/Smudge.....	Highest Resistance
Chemical.....	Moderate Resistance

## Performance:

testing results on scale 1 - 5 (5 is the best).  
4 – chemical resistance  
5 – durability  
5 – sensitivity  
4 – high speed printing  
4 – print quality

## UL and CSA Labeling Reference

UL MH17205, MH7834, MH27538, CSA 97198  
UL MH16635, CSA 99214  
UL MH16411

## Certifications:

REACH – SVHC Free; ROHS/WEEE; TSCA; CONEG; California 65, ISEGA Food Approval, Additional Regulatory Requirements Upon Request.