

## CHARACTERISTIC OF THERMAL TRANSFER RIBBON

RIBBON BRAND NAME - **GRAFIKA**

**Item code**    **KOP-MGxxx-yyy**  
                  **KIP-MGxxx-yyy**

OUT winding; xxx – width in mm, yyy – length in m;  
IN winding; xxx – width in mm, yyy – length in m;

### **Product Description**

Grafika is premium wax/resin ribbon, designed to provide a high resolution image on a wide variety of label stocks. It has excellent smear resistance and good resistance scratching and chemicals.

### **Recommended Media**

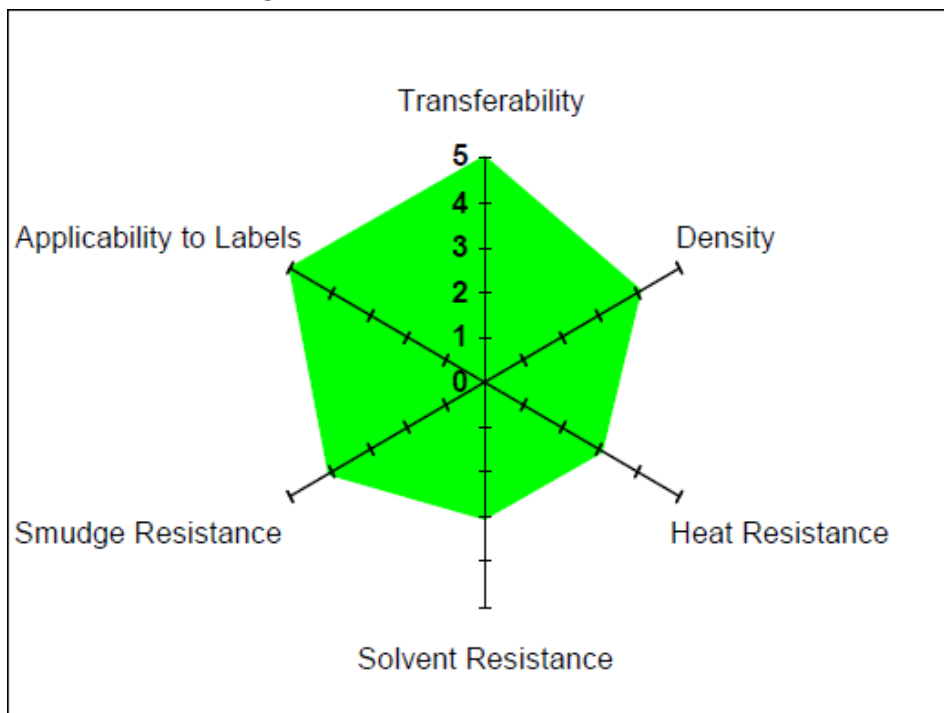
- Coated paper, gloss paper
- Polyethylene films (i.e. top coated PP 50 mkm, 60 mkm, Polyart, others)
- Polypropylene films (i.e. top coated PE 85 mkm, PE100 mkm, Kimdura, Valéron)

### **Applications**

- General purpose labeling
- Shelf and bin labeling
- Retail tag and label applications
- Textile and apparel product labeling
- Compliance labeling

### **Star Diagram**

Performance Ratings are based on a comparison of ribbons within the general purpose wax/resin category. Scale of 1 to 5, 5 being the best.



### **Technical Specifications**

Ink type	Wax/Resin
Total Ribbon Thickness	10,0 ± 0,3 µm
Base Film Thickness	4,5 ± 0,3 µm
Colour	Black
Transmission Density	More than 0,9 MacBeth Scale
Maximum Print Speed	8 IPS
Printing Energy	14 mJ/mm <sup>2</sup>
Image Density	More than 1,9 MacBeth Scale
Barcode Symbol	More than ANSI 3,5/A (Parallel barcode)
Smudge resistance	More than 90% (MacBeth) *1
UV Resistance	More than 80% (MacBeth) *2
Usage Conditions	5°C ÷ 35°C to 80% relative humidity
Storage Conditions	0°C ÷ 40°C to 80% relative humidity

\*1 RUB TEST PRESSURE : 1.96 X 10<sup>4</sup> Pa, STROKE CYCLE : 500 CYCLES, CORRUGATED PAPER

\*2 EXPOSURE 168 HOURS ON UV TEST MACHINE, EQUIVALENT TO 3 MONTHS DAYLIGHT EXPOSURE