



datamax·o'neil

## **IQRES**

(Thermal Transfer Resin Ribbon)

### **PRODUCT DESCRIPTION**

IQRES is a high quality, extremely durable 4.5 micron thermal transfer Resin based ribbon. IQRES was designed for use on paper, synthetic substrates such as polyester, polypropylene and other film labels. It has superior resistance to friction and scratching. It is very resistant to solvents and is a good resin ribbon for printing rotated bar codes.

### **CERTIFICATIONS**

**British Standard 5609:** The printed ink withstands immersion in seawater.

**BGA - Direct food contact (Europe).** Compliance with the rules of the German law concerning the handling of foodstuffs, tobacco products, cosmetic products and other consumer goods (Foodstuffs and Consumer Goods Act). Certifications given after analysis by an independent German Laboratory.

No heavy metals enter the composition of this thermal transfer ribbon. Some traces from raw materials can be found at an amount inferior to 50 ppm. European regulations fix the maximum permitted amount at 100 ppm.

### **USAGE**

- Melting Point: 176°F (80°C)
- Storage Temperature: 41°F to 95°F (5°C to 35°C) at 20% to 85% Relative Humidity
- Avoid high temperature, high humidity and direct sunlight during storage
- Recommended Shelf Life: one year

### **APPLICATION NOTES**

- Recommended for environments and applications where the ultimate in label and image durability is required.
- Remarkable resistance to friction and scratching.
- Ideal for high temperature labeling up to 356°F (180°C).
- Resistant to solvents.
- Asset management, serial number and identification labels, durable goods, outdoor applications, jewelry labels, PC board labels, bin and shelf labels, and many other tough applications.
- Good resin ribbon for printing rotated bar codes.
- UL recognized.

The above data represents product averages, allowing for industry-accepted variance. The products should be tested in the end-use conditions to insure that it meets the requirements of the specific application.

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