

Technical Data Sheet

XR1 Standard Resin Ribbon



- Excellent Durability
- Up to 180°C Heat resistance
- Outstanding printing quality
- Excellent versatility
- High speed printing upto 10ips

Recommended Substrates:

Coated papers
High gloss papers
Synthetic paper
PE
BOPP

Specific Features:

Excellent durability
Excellent versatility
Outstanding printing quality
High speed printing (max 10ips)
Perfect rotated barcode printing
Superior back coating

Application Fields:

Pharmaceutical
Cosmetics
Retail labelling
Rating plates
Signage and Logos
Laboratory
Healthcare
Tags
Food contact
Livestock
Outdoor applications

XR1 is a thermal transfer ribbon which gives excellent performance on a wide variety of labels. This resin is designed to meet excellent smear resistance and give excellent print density and definition

Suitable for most Flat Head printer such as Argox, Citizen, Datamax, Intermec, Postek, Ring, Sato, Toshiba TEC Flat Head range, TSC and Zebra.

Mechanical resistance:

Crockmeter : 200 cycles 680g/cm²

Heat resistance: 180°C

Other resistance:

Light: Excellent

Water (submerge): Excellent

Solvents: Average

Ribbon property:

Description	Specification
Ink material	Standard Resin
Ink melting point	80°C
Total Thickness	8.5±0.5µm
Base film thickness	4.5±0.3µm
Ink thickness	4.0±0.3µm
Print density(Reflection)	2.0
Print speed	2-10IPS
Static	<3KV

Resistances (939gr no damage after __ cycles):

IPA: 140 cycles

Ethanol: 25 cycles

Motor oil: 250 cycles

Gasoline: not recommended

Brake fluid: not recommended



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