



SIRIUS® Thermal Transfer Ribbons

HL45

HL45 Alcohol Resistant Resin

TTR Properties

Base Film Thickness	4.5 ± 1.0µ
Total Thickness	7.0 ± 1.0µ
Ink Color	Black
Ink Melting Point	94°C
Max. Print Speed	150 mm/second

Resistance

Scratch	Very Good
Smear	Very Good
Chemical	Good
Alcohol	Excellent
Heat	Good

Recommended Substrates

Synthetics	Polypropylene & Polyester
Films	PET

Storage: 5° to 35°C; 30 to 85% RH; Shelf Life 1 Year

Recommended Applications



- Pharmaceutical, Medical & Healthcare
- Circuit Boards
- Chemical Drums
- Electronic Components
- Product ID Labels
- Asset Tracking
- Print & Apply Applications

Certifications

- FDA Listed
- RoHS (2002/95/EC)
- UL Listed
- REACH - SVHC
- Contains No Animal Content (EC 1774/2002, EC 999/2001, 2000/6/EC, 2003/1/EC)