

## Product Specification Sheet

### FTA/FTI-LH

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### Labelident Resin thermal-transfer ribbon

The high-quality resin ribbon can be used with high print temperatures while maintaining excellent print quality. Contrast-rich print results can be achieved on plastic surfaces such as PVC-, PE- and PP Labels. A good transfer rate can be obtained at print speeds of up to 175 mm/s. The ribbons are compatible with all common flathead thermal transfer printers.

#### Material Specifications:

|            |            |
|------------|------------|
| Quality    | Resin      |
| Print Head | Flathead   |
| Liner      | PET, 4.5µm |

#### Print Specifications:

|                              | Value (Tolerance) | Unit   |
|------------------------------|-------------------|--------|
| Print Speed                  | 50-150 (+/- 10%)  | mm/s   |
| Melting Temperature          | 100 (+/- 10%)     | °C DSC |
| Optical Density Ribbon       | 1.5-2 (+/- 10%)   | D      |
| Optical Density Print Result | 1-2.25 (+/- 10%)  | D      |
| Total Ribbon Thickness       | 5-6 (+/- 10%)     | µm     |

#### Resistance:

|                           | PE    | PP    | PVC   |        |
|---------------------------|-------|-------|-------|--------|
| Scratch Test <sup>2</sup> | 90    | 48    | 45    | cycles |
| Smear Test <sup>3</sup>   | >1000 | >1000 | >1000 | cycles |
| Ethanol <sup>3</sup>      | 5     | 7     | 50    | cycles |
| Petrol <sup>3</sup>       | 12    | 15    | 1000  | cycles |
| Water <sup>3</sup>        | >1000 | >1000 | >1000 | cycles |

\*Test methods: Manufacturer's Test method, except: 2= Taber 250g, 3=Crockmeter 355g

**Certifications:** Material is REACH and ISEGA certified.

**Printability:** Suited best for a variety of different PVC, PE and PP materials.

**Storage:** Material is stable for one year stored at max. 10-35°C and 30-80% rel. humidity. Direct sunlight and putting pressure on the ribbons should be avoided by all means.

Note: All values are guidelines and not intended for use in setting specifications. The information provided does not constitute any warranty, express or implied, and is intended solely for the recipient and shall not be forwarded to any third party. The buyer of our products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application. Samples of our materials can be provided upon request. Information is subject to change without prior notification. Last Updated: September 2018.