

SPECIFICATION SHEET

Product name: BRP-1D450-110 (RESIN)



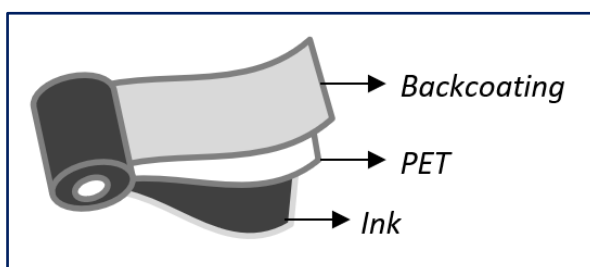
BRP-1D450-110 is a RESIN grade thermal transfer ribbon designed for flat head printers. This reference has been treated for the dissipation of static electricity, thus extending the life of the head. It also has excellent resistance against scuffing and scratching, as well as resistance to chemicals, such as industrial spirits, hydraulic oils and antifreeze.

Applications

- Labelling in warehouse / shipments
- Traceability labelling
- Special resistance labels

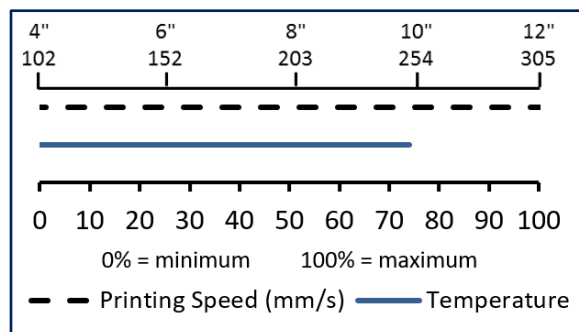
Supports

- Polypropylene



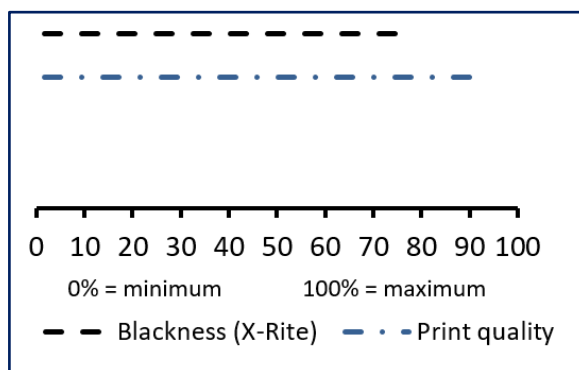
Backcoating

- Favours high-speed printing
- Protects the head from both friction and particle adhesion
- Treatment against static electricity



Ink

- Melting point (DSC): 87°C
- Thickness: $6.17 \pm 0.09 \mu\text{m}$



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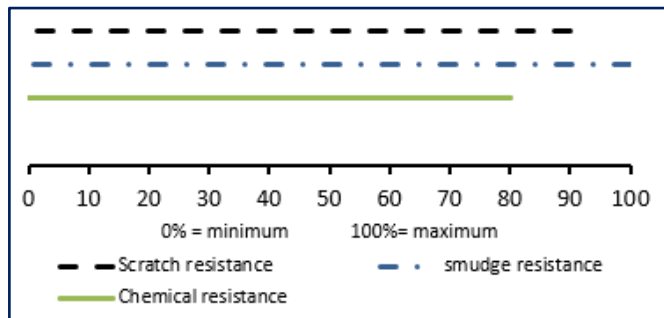
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Certified by
**Brother
International
Europe**

Resistance (polypropylene, 203 mm/s)

Resistance tests conducted in Electronic Crockmeter M238BB textile M238CT (400 cycles for dry and wet wiping and 200 cycles for metal rubbing).



Certifications

- REACH/SVHC 850/2004
- RoHS: 2011/65/EC
- Food Contact ⁽¹⁾: Regulation (CE) n° 1935/2004

(1) The thermal transfer ribbon (TTR) is not formulated for direct printing on food

Colour range

Black

Storage

- 5 ° C to 35 ° C
- 45% to 85% relative humidity
- Protect the products from sunlight

Expiration

1 year

NOTE: These specifications are only a guide. Due to the large number of surfaces, label finishes, varnishes and applications, Brother International Europe recommends that the printing tests be made for each specific case in your own environment. **Effective May 2019.**