

# SPECIFICATION SHEET

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



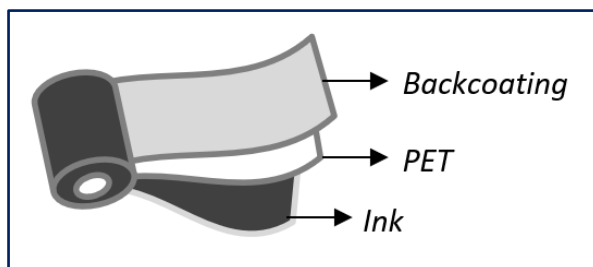
**BRS-1D450-110** is the latest generation of thermal transfer ribbon, designed for both flat head and near edge printers. Due to the improved sensitivity it is possible to produce high quality prints at low temperatures, obtaining a print that stands out for its high resistance. The ideal material for this ribbon is synthetic plastics.

## Applications

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

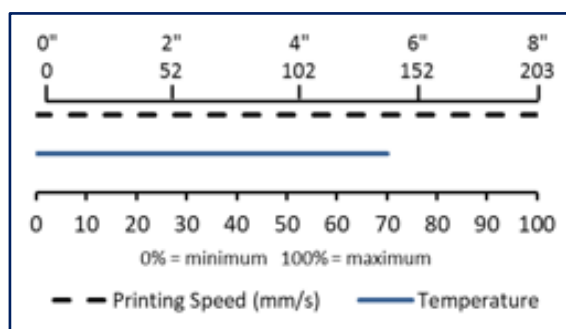
## Supports

- Synthetic plastics
- Polypropylene



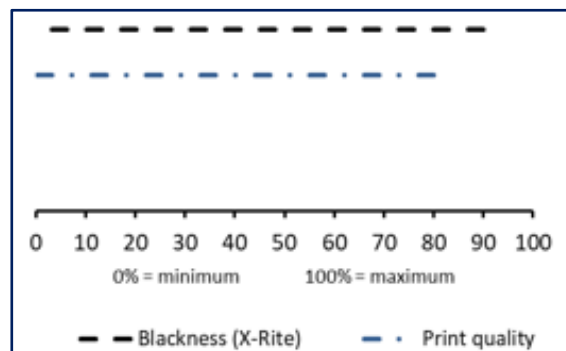
## Backcoating

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



## Ink

- Melting point (DSC): 80°C
- Thickness:  $6.9 \pm 0.5 \mu\text{m}$



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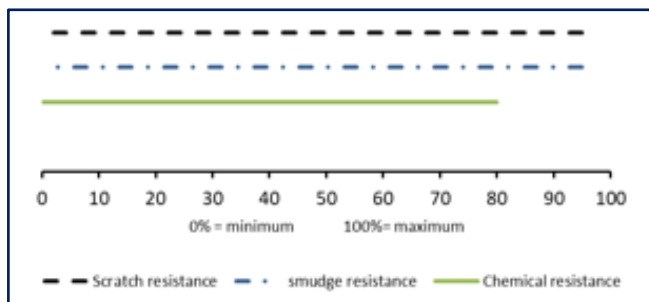
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Certified by  
**Brother  
International  
Europe**

## 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<sup>(1)</sup>

- REACH/SVHC
- RoHS: 2011/65/EC
- Foot Contract <sup>(1)</sup>: (CE) n° 1935/2004

(1) Thermal Transfer Ribbon (TTR) is not intended 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.**