

Technical Data Sheet

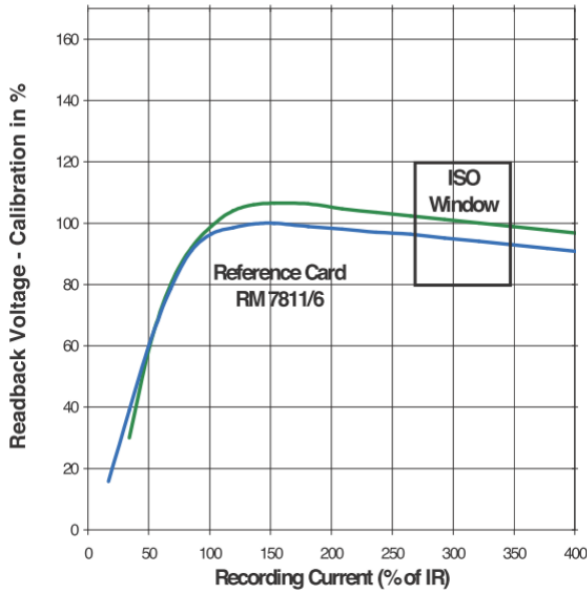
Magnetic Transfer Tapes

Type :

DIHBL319

HiCo 2750 Oe Blue (PMS3005)

Saturation Curve



General Characteristics

Base film material	Polyester
Magnetic layer material	Oxide
Color	Blue PMS 3005

Thickness Characteristics [μm]

Base film	19
Total thickness	33

Magnetic Characteristics

Coercivity H_c	215 ÷ 255 kA/m
Retentivity M_r	106 ± 10% mT
Squareness	≥ 0,8
Switching field SFD	≤ 0,4

Signal Amplitude Characteristics

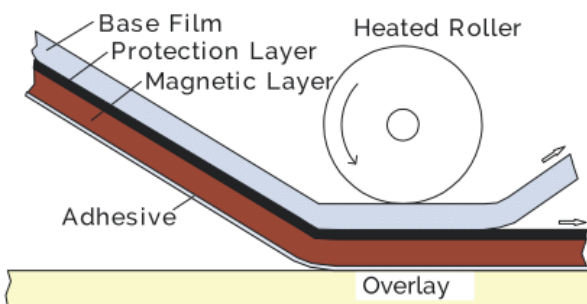
Signal amplitude U_{A1}	100 ± 20 % U_R
Signal amplitude U_{A2}	≥ 80 % U_R

Film - Coating Composite



Base film
 Protection layer
 Magnetic Layer
 Adhesive

Transfer Process



Wear Resistance Characteristics

According to ISO/IEC 7811-6 / 10373-1

Average signal amplitude $U_{A \text{ after}}$	≥ 50% $U_{A \text{ before}}$
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Chemical Resistance Characteristics

According to ISO/IEC 7811-6 / 10373-1

Average signal amplitude $U_{A \text{ after}}$	≥ 90% $U_{A \text{ before}}$
Individual signal amplitude $U_{i \text{ after}}$	≥ 90% $U_{A \text{ after}}$

Storage Conditions

For tape with adhesive:
 The allowed storage period for the reel is 2 years from the date of certificate under the following conditions :

Temperature :	10°C - 28°C
Humidity :	20%-60% RH

Additional pressure on the windings shall be avoided

The information given in the technical datasheet is based on our current knowledge. This information merely describes the product's properties but do not guarantee them from a legal point of view. We recommend to conduct tests before industrial use in order to check whether the product is suitable for the expected application.