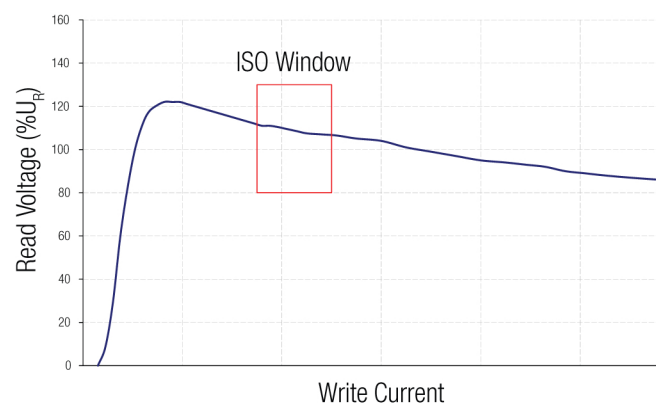
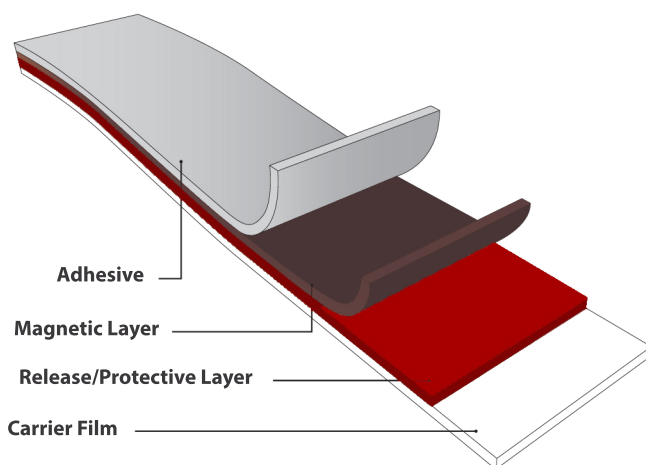


Product Data Sheet



Product

TTFHP-REP



Description

TSSI's HiCo total lamination tape for plastic (PVC, Polyester, PET-g) substrates uses 2750 Oe magnetic particles. Applications include payment, gift and loyalty cards.

TTFHP tape structure is adhesive, magnetic layer, release/protective layer, Polyester carrier film, where you activate the adhesive that we have applied onto the reverse side and after adhesion to your substrate, the carrier film is stripped away.

Basefilm material	Polyester
Magnetic layer material	Ferrite
Colour	Red
Width Choices	6.3mm, 8.4mm, 12.7 mm
Length Choices	1090m, 1220m, 1830 m

Thickness Characteristics

Adhesive	2 μm \pm 0.5 μm
Magnetic layer	7 μm \pm 2 μm
Release/Protective Layer	2.5 μm \pm 1 μm
Carrier film	19 μm \pm 1 μm
Activates at	80°C

Typical Coated Properties

A typical orientated coating, 16 microns thick, will conform to ISO/IEC 7811-2 for encoding magnetic tape, and show the following characteristics.

Signal amplitude U_{A1}	100 \pm 15 % U_r	Resolution U_{A3}	\geq 70% U_{A2}
Signal amplitude U_{i1}	\leq 126% U_r	Erasure U_{A4}	\leq 3% U_r
Signal amplitude U_{A2}	\geq 80% U_r	Extra pulse U_{i4}	\leq 5% U_r
Signal amplitude U_{i2}	\geq 65% U_{i2}		

Storage Conditions

The following storage conditions apply:

Approximate storage for this reel is 2 years in the packaging supplied

Room temperatures between 10 °C and -29 °C

Humidity between 20% and -60% RH

TSSI Magnetics & Coatings

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