

Product Specification Sheet



Last Updated: July 2015

ERT-BX

Extremely permanent, silver labels made of polyester, on roll for thermal transfer printing

Material Thickness:

	Value (Tolerance)	Unit	Test Method
Facestock	50	micron	ASTM D 3652
Adhesive	36	micron	ASTM D 3652
Liner (glassine)	56	micron	ASTM D 3652

Adhesive (acrylic):

		Value	Unit	Test Method
Shear Strength		100	hours	FTM 8
Initial Tack		948	g/cm ²	ASTM D 2979
Peel Resistance	Stainless Steel	26	N/25 mm	FTM 1 (72 hours)
	Glass	26	N/25 mm	FTM 1 (72 hours)
	Polypropylene	30	N/25 mm	FTM 1 (72 hours)
	Paint (automotive)	30	N/25 mm	FTM 1 (72 hours)
	PBT	31	N/25 mm	FTM 1 (72 hours)
Application Temperature		min. +10	°C	
Temperature Range		-40 to +150	°C	

Certifications: This material is UL recognized UL file NO. MH 16635 (N). Material meets REACH and RoHS requirements (2011/65/EU), IMDS data available upon request.

Printability: Suited for conventional and thermal transfer printing with combo and resin ribbons.

Storage: Material is stable for two years stored at max. 21°C and 50% rel. humidity. Damp conditions, excessive heat and/or cold conditions should be avoided.

Further Information: Attention! The safety effect does not take place until min. 48h of adhesion. The material is coated with a high performance 36 micron thick adhesive, proper set and clean dies are needed to allow good conversion. Expected exterior life dependant on substrate but label material is outdoor resistant for at least 2 years.

Note: All values are guidelines and not intended for use in setting specifications. 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.