



# OUR CARD ATTACHMENT SOLUTIONS

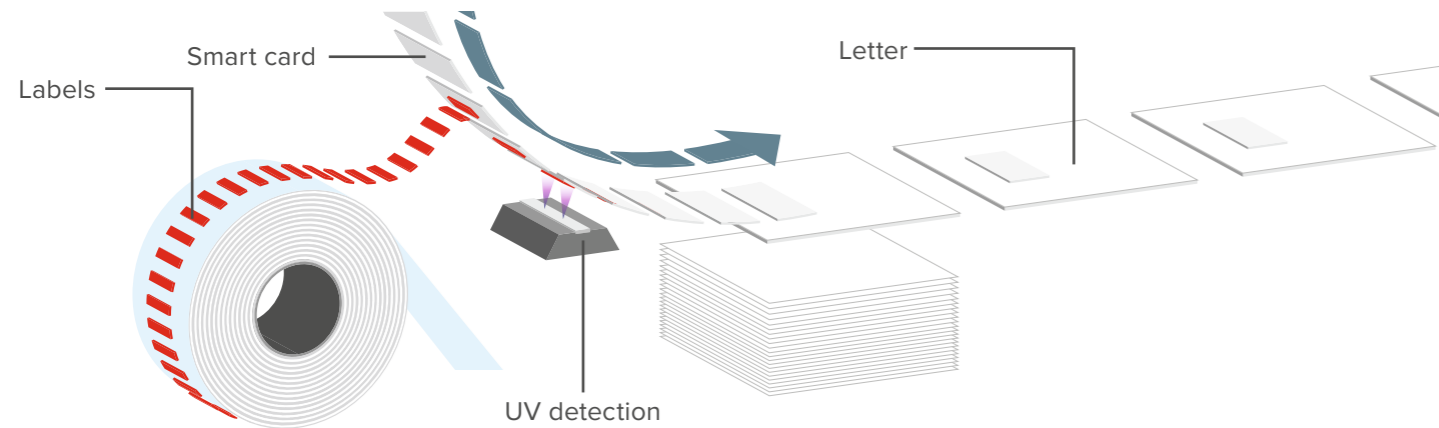
For the Temporary Bonding of Smart Cards

# tesa® SOLUTIONS FOR CARD MAILING

Everyday a large variety of cards are produced to meet today's personal and business needs. These cards range from banking cards to identification badges to gift cards and beyond. Up to 20% of the manufactured cards are attached to a letter and sent to the end customer by mail. For mailing assembling, we offer tesa® Card Label solutions, a complete range of removal labels and endless rolls to secure the attachment of cards onto letters.

## Advantages of using tesa® Card Label products:

- Secure bonding of embossed cards onto letters
- Highly customized solutions for leading machine manufacturers
- Easy card removal without damage and residue
- Low set-up time due to the high quality of the liners
- Highly reliable process control due to homogeneous UV-fluorescent pigment
- tesa® Card Label solution can be applied both automatically and manually

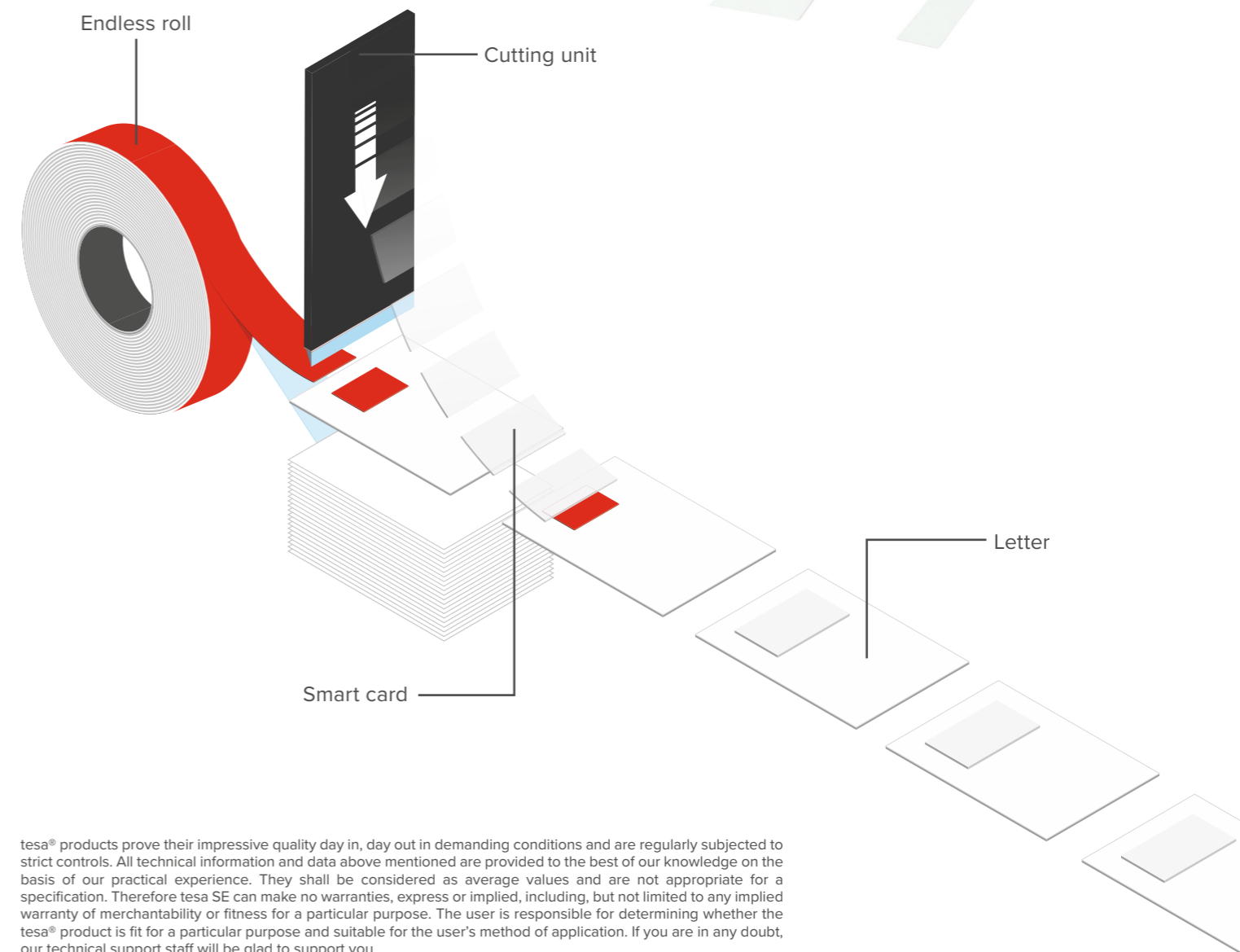


## The label versions

Machine supplier	Böwe Cardtec		Böwe Systec		Datacard	Matica
Product	92009L	62010L	62015L	62019L	62014L	62016L
<b>Product description</b>						
Size [mm]	38 x 17	38 x 17	38 x 17	38 x 13	10.3 x 40	30 x 13
Color	White	Transparent/fluorescent	Transparent/fluorescent	Transparent/fluorescent	Transparent	White
Max. outer diameter [mm]	250	250	255	250	220	220
Labels per roll	4,000	5,000	6,500	5,000	15,200	5,000
Labels per box	60,000	100,000	52,000	120,000	91,200	120,000
Total thickness [µm]	140	120	95	120	95	120
Backing material	PP/PVC	PET-Film	PET-Film	PET-Film	PET-Film	PET/Paper
<b>Liner</b>						
Material	Glassine	Glassine	Glassine	Glassine	Glassine	Glassine
Thickness [µm]	71	78	78	78	71	71
<b>Adhesion [N/cm]</b>						
Strength to card	0.5	0.3	0.3	0.3	0.3	1.4
Strength to paper	3	4	4	4	4	7

## The endless versions

Machine supplier	Otto Künnecke		ACI
Product	62012E PV3	62012E PV4	62013E
<b>Product description</b>			
Size [mm]	200 x 37	170 x 37	300 x 18
Color	Transparent	Transparent	Transparent
Max. outer diameter [mm]	220	220	250
Total thickness [µm]	95	120	70
Backing material	PET-Film	PET-Film	PVC
<b>Liner</b>			
Material	Glassine	Glassine	Glassine
Thickness [µm]	59	59	78
<b>Adhesion [N/cm]</b>			
Strength to card	0.3	0.3	0.5
Strength to paper	4	4	3.7



tesa® products prove their impressive quality day in, day out in demanding conditions and are regularly subjected to strict controls. All technical information and data above mentioned are provided to the best of our knowledge on the basis of our practical experience. They shall be considered as average values and are not appropriate for a specification. Therefore tesa SE can make no warranties, express or implied, including, but not limited to any implied warranty of merchantability or fitness for a particular purpose. The user is responsible for determining whether the tesa® product is fit for a particular purpose and suitable for the user's method of application. If you are in any doubt, our technical support staff will be glad to support you.



12/2016



Our management system is certified according to the standards ISO 9001, ISO/TS 16949, and ISO 14001.