

**Splicing and Auxiliary Assortments for Converting Processes** 

# **OUR VALUE PROPOSITION**



# Solutions that Go Beyond tape

As a leading global supplier of adhesive solutions, we are your reliable partner in the film producing, printing and converting industry. We have a comprehensive understanding of the film splicing process from development to production and sales.

### Extensive R&D and lab support

Our specialized R&D engineers are focused on developing innovative product solutions for the film producing, printing and converting industry.



# Partnering to solve industry challenges

Our dedicated splicing team of more than 100 experts worldwide help to improve overall efficiency by recommending solutions that optimize your existing set-up. We invite customers to our facilities to discuss specific product needs and testing requirements.

# tesa® EasySplice - Benefits

With the invention of tesa® EasySplice, we revolutionized processes in paper producing and converting industries. We provide fast preparation and secure splicing at the highest speeds – film converters benefit from tesa® EasySplice with our FilmLine series. This product series was specifically developed to splice critical non-polar film materials.



#### Save time

Just one straight line – no extra tape, no additional split labels necessary.



### Accelerate production

Run even difficult-to-splice substrates at full machine speed!



#### **Reduce waste**

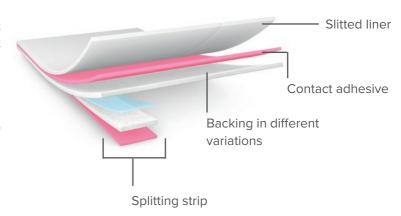
Higher splice performance means less waste! tesa® EasySplice products ensure safe closure of the new reel during acceleration and precise opening of the new reel after contact.

# tesa® EasySplice

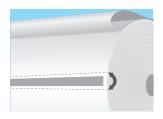
# A Proven Product Design

Increasing demands and a wide range of different film materials call for a reliable partner with a market proven product design for flying splice application.

Our tesa® EasySplice Film Line assortment provides outstanding splicing performance on a wide range of film materials. The secret lies in our specially formulated contact adhesive and reliable splitting strip.



# Easy to apply



#### Underneath

Apply the tape under the top layer of the film reel. Then remove the upper part of the liner.



#### On top

Attach the top layer onto the exposed adhesive of the tape.



#### Remove

Tear off the excess film, following the line of the remaining section of the liner.



#### **Finish**

Before accelerating the reel remove carefully the lower part of the liner.





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.

# tesa® EasySplice ASSORTMENT



tesa® EasySplice for integrated flying splice application combines splicing security at high speeds with fast job preparation so you can achieve maximized process efficiency.

Our tesa® EasySplice assortment provides tailored solutions for your process.

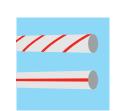
Product	tesa® 51910 PV 0	tesa® 51910 PV 15	tesa® 51918	tesa® 61958			
Main Product Features	Highest tack contact adhesive     Paper backing	Highest tack contact adhesive     Paper backing     Multi layer splitting strip	Highest tack contact adhesive     Robust Black PET backing     Faster wetting on film materials	Adhesion Strip			
Customer Benefits	Splicing for most films at high speeds     Easy application     No need for scissors or cutters	Improved Splitting Strip     Splicing for most films at high speeds     Secure opening of the splitting strip     Easy application     No need for scissors or cutters	Reliable splice, performance on:     heavy-gauge films     thick films     tubular bags     sharp edged substrates      Optical detection from both sides	Less waste – no remaining adhesive resiudues     Optical detection from both sides			
Technical Product Description							
Backing	Paper	Paper	Paper PET				
Color	•	•	•	•			
Tack	•••	•••	•••	•••			
Thickness w/o liner (μm)	120	120	105	105			
Adhesion	•••		•••				
Shear resistant	•••	•••	•••	•••			
Hand tearable	Yes	Yes	No	No			
Tensile strength (N/cm)	30	30	70	70			

# **COMPLEMENTARY TAPES**

### **Product Assortment**



	Description	Thickness (μm)	Adhesive	Backing	Color
End tabbing					
tesa® 4124	Single-sided tape	65	Natural rubber	PVC	•00
tesa® 4104	Colored single-sided tape	67	Natural rubber	PVC	
Failure flagging					
tesa® 4104	Colored single-sided tape	67	Natural rubber	PVC	
Roller wrapping and bel	ting				
tesa Printers Friend® 4863	Embossed surface	620	Natural rubber	Silicone-coated cloth	•
tesa Printers Friend® 4563	Smooth surface	380	Natural rubber	Silicone-coated cloth	
tesa ® 4820	Single-sided PTFE Tape	100	Silicone	PTFE	
tesa ® 4830	Single-sided PTFE Tape	160	Silicone	PTFE	
Core starting					
tesa® 51194	Splittable double-sided tape	120	Synthetic rubber	Splittable paper	



tesa® 51194	Splittable double-sided tape	120	Synthetic rubber	Splittable paper	
tesa® 4104	Colored single-sided tape	67	Natural rubber	PVC	
tesa® 64620	Double-sided tape	185	Synthetic rubber	PP	
tesa® 52307	Double-sided tape	70	Acrylic	PVC	0
tesa® 51904	Double-sided tape	110	Natural rubber	Non-woven	
tesa® 4985	Transfer tape	50	Acrylic	None	0

# **CONVENTIONAL SPLICING TAPES**

Application	Flying Splice	Static Splice	Static Splice	Static Splice	Flying Splice / Static Splice	Splitting Labels	Aluminum Detection Labels	Black Labels
Product	tesa® 51904	tesa® 64620	tesa® 4137	tesa® 4985	tesa® 4200	tesa® 54242	tesa® 51003	tesa® 51005
Tape Description	Double-sided tape	Double-sided tape	Single-sided tape	Transfer tape	Double-sided tape	Single-sided die cut	Single-sided aluminum label	Back label for optical detection
Main Product Features	Very high tack	Medium tack	Inductive detection     High aging resistance     High shear strength     High temperature resistance	Modified acrylic adhesive     High temperature     resistance	High tack silicone adhesive     High temperature resistant	High adhesion on film materials Perforrated breaking point Die cut on a roll	Aluminized paper     Die cut on a roll     Size: 100mm x 45mm	Black colored paper     Die cut on a roll     Size: 100mm x 45mm
Customer Benefits	Secure splice performance at high speed	Secure splice performance at zero speed	Automatic splice detection     Waste reduction	Easily automatic applied	Secure, splicing of multiple siliconized substrates     Optical detection purpose	Top sheet fixation for conventional flying splice	Automatic splice detection     Waste reduction	Automatic splice detection     Waste reduction









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

tesa SE

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