



Countering high-slip films with high-speed splicing

tesa® 50948: double-sided splicing tape for film converting

Splicing of critical film materials

In an ideal world, production machines should always run at highest possible speeds. Only then can efficiency targets and deadlines be met. We at tesa process film, paper, and many other web-based materials daily and know exactly the challenges that can occur.

High-slip films, such as low-density polyethylene, or any material with a high degree of slip additive, can be especially tricky to process. The most common slip additives used to reduce film tackiness are organic waxes.

Meet tesa® 50948

tesa® 50948 is a double-sided splicing tape for film processing and converting.

The high tack contact adhesive provides excellent wetting properties on high-slip films for reliable splice performance and the thin black PET backing ensures excellent conformability and reliable optical splice detection.

They provide a lower friction coefficient on the substrates but migrate to the film's surface and create a "boundary layer," which reduces the wetting effect and therefore the performance of the splicing tape – which can result in web breaks during the splicing process. We know every effort should be made to avoid a tedious incident like a web break while aiming for constant high machine speeds. That is why we came up with a solution for exceptional splice reliability during film processing and converting.



Thin black PET backing

High tack contact adhesive



Changing the game for your splicing processes

tesa® 50948 will increase your productivity and efficiency. Slowing down your machines for splicing of high-slip materials in your converting line or during your lamination processes will be a thing of the past. Ultimately, you will save money with every high-speed splice you make. If you have dealt with the hassle and mess of additional glues or standard tapes in the past to secure your splice, you will appreciate the fast and easy application of tesa® 50948.

Main benefits at a glance



Run your machines without slowing, adjustments, or interruptions



Immediate and reliable bond during splicing – very little pressure needed



Outstanding splice performance on high-slip films, recycled films, and non-woven materials

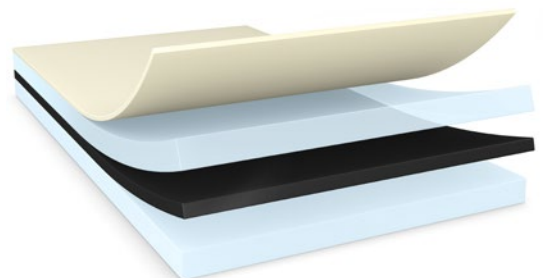


Easy and fast optical splice detection

Technical details

tesa® 50948

Adhesive	Synthetic rubber
Product design	Double-sided
Tape thickness w/o liner [µm/mil]	95/3.7
Color	Black
Backing	PET
Tack	...
Tensile strength	...
Shear resistance	..
Recommended split labels	tesa® 54242 and tesa® 54287



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