



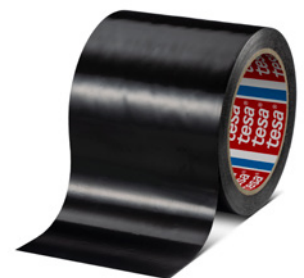
tesa® 4648 – repairing tape for silage cover films



Protecting valuable supplies

Product performance

- Instant bond at temperatures above freezing
- Can be torn by hand for hassle-free sealing
- Halogen-free according to IEC 61249-2-21
- Robust product design withstands up to twelve months of outdoor weather conditions
- Typical quantities of tesa® 4648 can be processed in the industrial recycling of PE-based agricultural films



Protecting feedstocks with tesa® 4648 repairing tape for silage cover films

In modern agriculture, silage bales are the most common way of producing silage as feedstock for the winter. Silage is the result of the fermentation of organic materials for animal feed. Plants like grass or maize are cut and baled with plastic film, usually PE, to exclude oxygen. This process creates the perfect conditions for naturally occurring bacteria to ferment and act as a preservative. The silage can then be stored and fed to livestock in winter.

Use case

The bales can easily be spoiled if the PE cover films are damaged, for example during the transport of the bales. Birds and rodents also know that there is feedstock inside the wrapping and can make holes in the bales. To repair this damage and save the animal feed before it is unusable, we have developed a new product: tesa® 4648 repairing tape for silage cover films. As silage bales are often stored outside, we made sure that tesa® 4648 repairing tape for silage

cover films is easy to apply even in cold weather and bonds immediately at temperatures above freezing. It is UV and water resistant for up to twelve months and can be torn by hand so that no further tools are needed. Our tape is based on halogen-free PE film in order to facilitate the recycling process of silage films after end of life, having been tested successfully in industrial recycling processes.



Application at low temperatures all year round



The robust product withstands 12 months outdoors

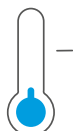


Can be torn by hand for easy application

Benefits



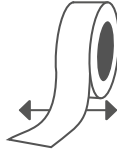
Ready for use all year round



Weather resistant even at low temperatures



Easy application without further tools



Up to 150 mm product width to cover all kinds of damage



Made of PE film to facilitate recycling after end of life

Product	Backing	Type of adhesive	Color	Adhesion to PE [N/cm]	UV resistance [weeks]
tesa® 4648	PE film	Natural rubber	●	1.5	52

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