

## Tapes

### Insulation Tape SP 61510

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**Material:** Insulation tape SP 61510 is a UV-resistant polyurethane-tape that combines the advantages of extremely robust, efficient, thermoplastic polymer with extreme adhesion, age resistant acrylic adhesive. Insulation tape SP 61510 can be applied quick and easy and provide a durable and robust surface.

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**Properties:** Insulation tape SP 61510 is extremely robust, long-lasting, UV-resistant and free of yellowing. It is elastic and formable, therefore ideal to use on complex surfaces. Insulation tape SP 61510 resists puncture and tear loads extremely well. It forms a reliable and easy to montage protective surface (even with wet underground). Insulation tape SP 61510 expands the service lives of components extremely due to protection of erosion, corrosion impact and chemical exposure (fluid barrier). It is breathable and won't form waterlogging. Insulation tape SP 61510 offers good resistance against solvents, can be varnished and works dampening (protection against creaking due to mechanical grating of components against each other). Insulation tape SP 61510 can be die-cut and plotted.

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**Applications:** Insulation tape SP 61510 is used as splinter-protection for plastics in the automotive industry as well as protection film against rock fall for bumpers, hoods and protection against scratches on door entrances, bumpers, loading sills of combi-vehicles. Insulation tape SP 61510 is also used as protection against erosion on front edges on rotor blades of wind turbines (value maintenance) and transportation protection of delicate components. It's also used as protection for the aerospace industry and to reduce sound and vibration.

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**Colour:** transparent

**Delivery forms:** Insulation tape SP 61510 is available on roll with a min. width of 6 mm and max. 980 mm, length of 33 m or 66 m. SP 61510 can be delivered as a sheet or die-cut part. Other lengths upon customers request. The core-diameter is 76,2 mm. Cutting tolerance is  $\pm 0,2$  mm. The liner of Insulation tape SP 61510 is made of a transparent polyester film.

**Processing:** Insulation tape SP 61510 should be processed within 12 months. The undergrounds have to be dry and free of parting agents. Loose or porous undergrounds have to be prepared. The compatibility with the surface, where the adhesive should be applied, needs to be checked in advance.

Property	Unit	Value
Total thickness	mm	0,190 / 0,340
Adhesion strength	N/10mm	>4
Tear strength	N/mm <sup>2</sup>	>150
Elongation at break	%	>500
Service temperature	°C	-50 to +100

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**Please note:**

The information in this data sheet is based on our current knowledge and experience. They do not disengage the fabricator and the user from own tests and inspections because of the plenty of possible effects. There is no judicial binding assurance of certain properties or of the qualification for a concrete application in our declaration. We recommend consulting us in individual cases. The acceptor of our products has to observe possible industrial property rights as well as present laws by himself.

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