



PRINTED ELECTRONICS

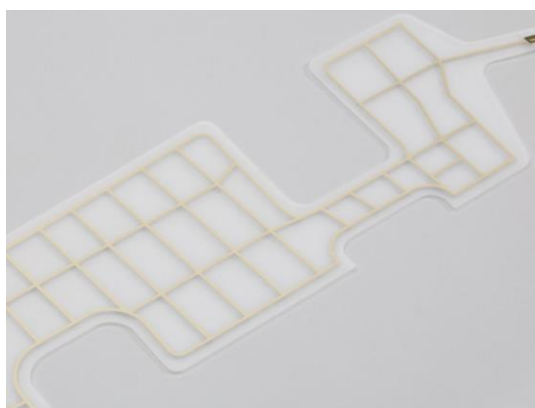
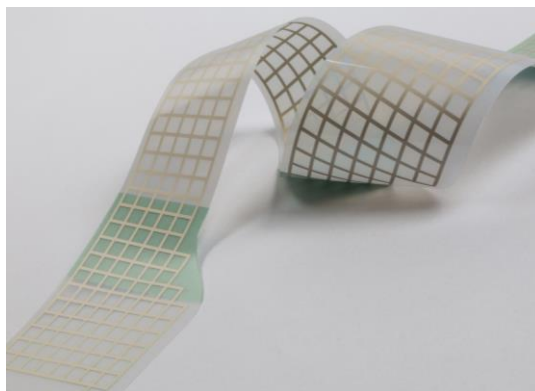
PRINTED ANTENNAS

Alper s.r.l. is an innovative producer in the Printed Electronics field, with a strong focus on the development and production of printed circuits for industrial applications. Within its portfolio, the company supports customers from early concept stages through to industrialisation, combining materials know-how, process experience and practical design guidance to help turn functional ideas into reliable, manufacturable solutions. A key area of activity is the automotive sector, where Alper s.r.l. supplies printed antennas intended for integration into modern vehicles and connected systems. Thanks to their printed construction, these antennas can be developed to be lightweight and flexible, making them well suited for installation where space is limited or where traditional rigid components would be harder to accommodate. Projects are developed in close collaboration with the customer. Alper s.r.l. works alongside engineering and purchasing teams to align on application needs and integration requirements, then iterates on the design to support performance targets and manufacturability. This cooperative approach helps ensure that each antenna solution is adapted to the vehicle platform and the customer's process expectations.

CHARACTERISTICS

- Maximum dimensions: 1000x600mm (customized measures available on request)
- Application of adhesive surfaces using a wide range of specific double-sided adhesives for each use
- Possibility of producing adhesive aluminium ground planes as a complement to the antenna
- Customer specific design
- Substrate temperature limits:
 - Min: -40°C
 - Max: 90°C (continuously)
 - Max: 100°C (for short periods)

❖ Note: The component is provided as an unfinished part. Conformity and marking of the final product shall remain the responsibility of the manufacturer of the complete unit.



Certified organization TUV AUSTRIA ITALIA S.P.A.
• ISO 9001:2015 with certificate n°Q-2523-17
• ISO 45001:2018 with certificate n°S-2523-19
• ISO 14001:2015 with certificate n°A-2523-24