

Highspeed Production of Traction Motor Stacks with Bonding Varnish (Backlack)

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ADVANTAGES OF USING BACKLACK TO JOIN TRACTION MOTOR STACKS

- Bonding enables the production of lamination stacks with highest precision. Due to the full area gluing, smallest geometries are stacked precisely and very stiff.
- Compared to interlocking and welding, bonding has no short cuts between the single sheets. Better magnetical properties and lower losses are the result.
- Due to the bonding varnish/Backlack, dirt and burrs are bonded tightly and do not fall out from the part. No liquids will be absorbed.

