



Examples of special material converting using flexible system grau

Small, narrow rolls (covering and adhesive rolls)

system grau for the conversion of small, narrow rolls. Particularly in the case of very sensitive materials such as adhesive or soluble substances, or delicate foils and masking or adhesive tapes made of paper, the system guarantees a high standard of quality in the end product. Converting is possible from core diameters of 8 mm upwards and slitting widths of 4 mm.

Sensitive surfaces (insulation tape)

Glass fibre insulation tape – yet another system grau application: In order to convert this material, the machine needs to meet high demands. The specific properties of insulation tape require a system with high winding tension and contact pressure. The roll slitting process achieves slitting widths from 10 mm.

Unwinding/rewinding unit (FPCB; also solar foils, coated products)

system grau is configured as the ideal unwinding/rewinding unit for flexible printed circuit boards in roll-to-roll processing. The uncoated material is unwound for the coating process. Finally, the finished FPCBs are carefully rewound to ensure that the sensitive material is not damaged.

Large, narrow rolls

An application designed for the optimal conversion of large rolls in very narrow slitting widths (“pancakes”). The system converts labelling material and various other materials in slitting widths from 5.9 mm up to winding diameters of 400 mm, at a maximum speed of 300 m/min.