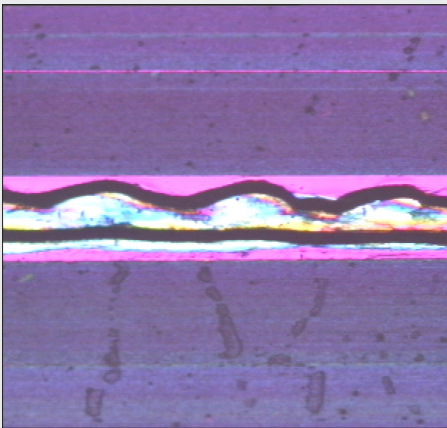


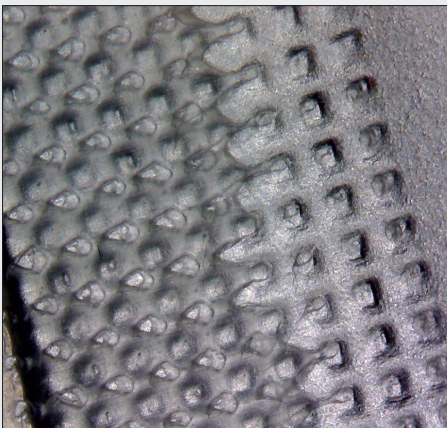
Application Information

Foil Tests at Romaco Siebler



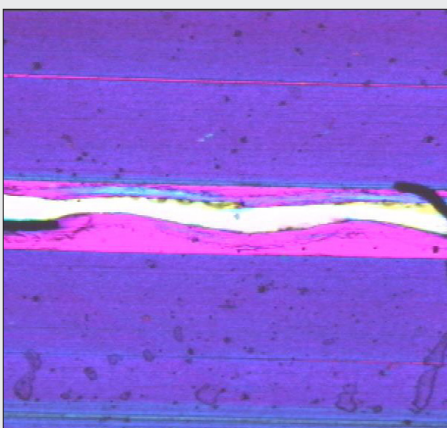
It's the foil that makes the difference. Strip packaging is expected to be absolutely air, light and moisture-tight. Selecting the right packaging is therefore crucial for the quality of the end product. This is why Romaco helps its customers carry out foil tests and long-term studies. A Siebler HM 1-230 heat-sealing machine has been installed at the PacTech technology centre on the Romaco Pharmatechnik site in Karlsruhe for this reason.

The functional properties of sealable foils can now be investigated there under real production conditions. Basically, a certain combination of temperature, pressure and time activates the adhesives in the foil, so that the strip packaging is tightly sealed. The sealability of a foil is always analysed according to these process parameters. The influence of the format and the sealing pattern on the foil characteristics is likewise examined in detail.



Product development and process optimisation

Close cooperation between the engineering supplier, the pharmaceutical industry and the packaging manufacturer is vital in order for development projects to be implemented successfully. When it comes to child resistant or senior friendly packaging, interdisciplinary research is already well established. Romaco customers and partners can profit from comprehensive material studies and qualification tests for selected foil laminates, for example, trials to determine a foil's sealability tolerances.



Romaco additionally conducts laminate type tests in collaboration with public research institutes. Amongst other things, independent experts analyse the specifications of unprocessed foil or perform leak tests on strip packaging. Both the sealing processes and the packaging can be optimised in a sustainable way based on the new insights following a systematic evaluation and documentation of the results.



Key facts:

- Foil tests at the Romaco PacTech technology centre
- Siebler HM 1-230 heat-sealing machine for R&D activities
- Cooperation with pharmaceutical and packaging manufacturers
- Long-term studies and stability samples
- Trials to determine the sealability and processing characteristics of a laminated foil
- Comprehensive material analyses by independent experts
- Individual packaging consulting based on production requirements
- Systematic troubleshooting enables processes to be continuously optimized
- Rich expertise supports the development of child resistant and senior friendly packaging



Romaco
Noack · Siebler · Bosspak

Romaco Pharmatechnik GmbH
Am Heegwald 11
76227 Karlsruhe
Germany
P +49 (0)721 4804 0
F +49 (0)721 4804 225

Romaco
Macofar · Promatic

Romaco S.r.l.
Via Marzabotto 5
40065 Rastignano BO
Italy
P +39 051 620 2611
F +39 051 620 2600

Romaco
Kilian

Romaco Kilian GmbH
Scarlettallee 11
50735 Cologne
Germany
P +49 (0)221 7174 100
F +49 (0)221 7174 110

Romaco
Innojet

Romaco Innojet GmbH
Daimlerstrasse 7
79585 Steinen
Germany
P +49 (0)7627 92 377 0
F +49 (0)7627 92 377 77