

HOTMELT EQUIPMENT for filter media & assembly PRODUCTION LINE for activated carbon filter media

APRO® is a privately owned business operating for 35 years. We are mainly a hotmelt equipment manufacturer from Hilden/Germany who is focusing on customer demands. We always give benefits to our customers who are operating worldwide.

APRO® equipment handles all types of hotmelt adhesive such as EVA, PA, PE, PO, PSA, PUR or UV-curable resins. We have several different and unique applicators available for each application. If requested we provide individual designs for our customer's needs. We manufacture contact and non-contact, continuous and intermittent systems to apply adhesive, such as coating dies, spray systems, bead and multiline applicators and print heads.

In 2021 APRO® has developed a complete carbon coating line for manufacturing activated carbon filter media at it's highest performance. Our customers request a line for high quality filter media with up to 1.000 gsm activated carbon coat weight. Our customers use APRO® hotmelt equipment and PUR adhesive to bond carbon or ion exchange granulate in single or multiple layers in different variations to a nonwoven. The filter media then will be covered with a top filtration web or siliconized film for multiple passes to achieve extreme high coat weights.

We are a unique company providing more than just a hotmelt system, we provide solutions.

- Turn key solution for carbon filter media
- PUR fiberisation solution for filter media
- Edge band coating for filter panels
- Hotmelt application for pleat distance
- Made in Germany!