

Pocket-type filter element for an air filter for removing aerosols comprises a filter media sewn from a sheet of filter material in the form of pockets, and a support frame with dividing partitions that form openings, each equipped with a corresponding filter pocket. The support frame is designed with a U-shaped groove around its perimeter, and the filter pockets are trapezoidal in shape with internal stitching and are secured in the openings of the support frame by hermetically bonding. The edges of the filter pockets adjacent to the support frame are inserted into the groove and pressed against it by a porous polymer cord.