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Filter Paper

Filter Papers have a wide range of applications as well as product composition.

The range varies from tea bag with 18 g/m² to coffee filters, which cover a range from 55 - 65 g/m². Filter papers for the automotive industry cover weights up to 150 g/m². Good porosity, flexibility and no static charging are some of the main quality features.

As many filter papers should have a high bulk, water removal in the press by mechanical forces is limited. The use of SteamTech steam showers results in excellent production capacity improvement.

The combination of high energy input with a VIB SteamTech, lowering the viscosity of the water, and the use of a specific suction box, developed by VIB Systems, results in best water removal and an excellent dryness increase of 3 - 4%.

A 10 - 15% increase in output can be achieved on many machines.

Wet strength and porosity are very important quality parameters for these grades. To achieve good wet strength it is very essential that the resins be cured under high temperature, resulting in bone dry fibers after the curing process.

To eliminate negative properties remoisturization and conditioning of the web is essential.

VIB Systems has the technology to add moisture even to wet strength, purely absorbent fibers. With the MoistureTech moisture increase of up to 8% can be achieved.

The VIB AirTech ^{Classic} systems have been used for many years on these products for moisture profile correction and moisture increase to improve runability in the finishing section.

As the leading company for moisture and steam applications, VIB Systems provides solutions for many different moisture problems throughout the filter paper industry worldwide.