

# blue.PRESS

Unique Polypropylene Fabric for Automatic Filter Presses

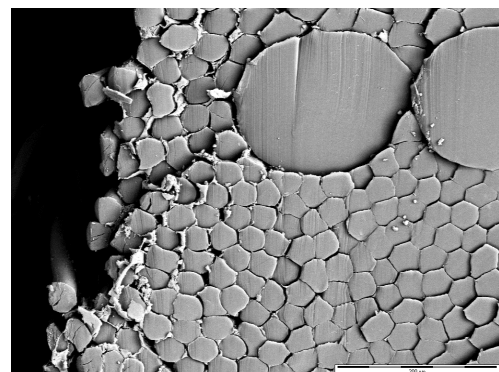
Fabrics for automatic filter presses must meet increasingly stringent demands with respect to excellent separation efficiency, directional stability and mechanical resistance. By means of a patented fabric design with a PTFE finish, even very fine particles e. g. PCC (precipitated calcium carbonate) or nano-structured flame retardants are efficiently removed. Filter cake release is highly effective. Optical assessment of fabric cleaning is enhanced by means of blue threads integrated into the fabric thus increasing the contrast to solids remaining on the fabric surface.



Automatic Filter Press



Filter Fabric with integrated Edge Seal



REM Illustration Fabric Design

## 1. Precise Air Permeability

blue.PRESS is available with an air permeability ranging from 0.5 – 25 l/dm<sup>2</sup>min@200 Pa. Tight tolerances ensure precise filtration results.

## 2. High Removal Efficiency

blue.PRESS was specifically developed for very fine particle removal, e. g. precipitated calcium carbonate (PCC).

## 3. Excellent Directional Stability

Directional stability is ensured by weaving the filter belts to their respective final specified dimensions (available in widths of 860, 1050, 1250 and 1700 mm).

## 4. Superior Filter Cake Release

The patented fabric design of blue.PRESS is available with an optional PTFE finish to ensure superior filter cake release and excellent removal of very fine particles.

## 5. Integrated Edge Seal

A very precisely defined edge seal (see center photo) reinforcing the fabric is integrated into the material and does not have to be additionally applied. Damage to the fabric during operation is thus effectively prevented.