Fluid filtration by FILCO

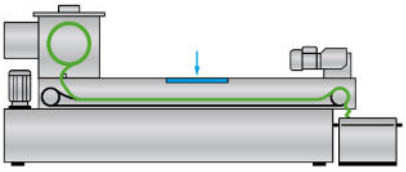
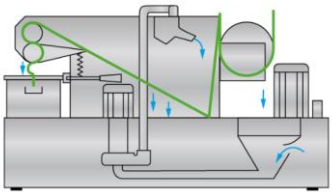
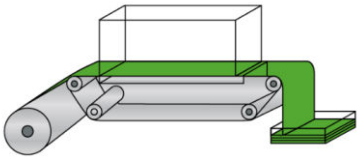
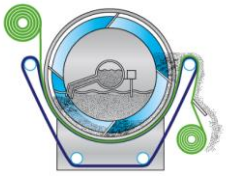
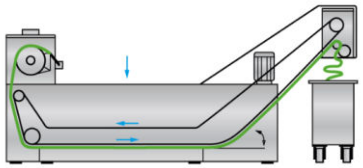
With the environment in mind...

## Filtration

For a coarse filtration, where no high filter cake structure is necessary the common two-dimensional nonwovens, such as **EcoPoly** and **EcoPrint** are very efficient.

In order to filter finer particles more efficient, a nonwoven is required, which allows a filter cake construction that is as high as possible because the structure of the filter cake helps to filter particularly fine particles.

With our three-dimensional filtration nonwovens such as **UltraFleece** and especially **UltraJet**, the filter cake already builds up inside the nonwoven and allows a very high filter cake on the surface. The higher the filter cake, the cleaner the result.

| Filter system types | Recommended products |
|---|---|
|  Gravity belt filters **(FILCO type TM, TMP)** | • EcoPoly<br>• EcoPrint<br>• UltraFleece |
|  Hydrostatic filters **(FILCO type UF, KF)** | • EcoPoly<br>• UltraFleece<br>• UltraJet |
|  Pressure belt filters | • EcoPoly<br>• UltraFleece<br>• UltraJet |
|  Compact belt filters | • EcoPoly<br>• EcoPrint<br>• UltraFleece<br>• UltraJet |
|  Vacuum filters | • EcoPoly<br>• UltraFleece<br>• UltraJet |

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## Filter paper overview

| ANMASI / FILCO Type | Technical data | | | Machining application | | | Filter system | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| | Material | Bonding | Tensile strength | Course particles (Turning, drilling, milling) | Medium particles (Milling, grinding) | Fine particles (Grinding, honing, lapping) | Gravity belt filter (FILCOtype UF, KF) | Gravity belt filter (FILCOtype TM, TMP) | Can be expected on stock | Best sellers |
| EcoPoly 20 | P | SB | H | * | | | * | * | * | |
| EcoPoly 30 | P | SB | H | * | | | * | * | * | |
| EcoPoly 40 | P | SB | H | | * | | * | * | * | |
| EcoPoly 50 | P | SB | H | | * | | * | * | * | |
| EcoPoly 60 | P | SB | H | | * | | * | * | * | * |
| EcoPoly is the new name for type old type RT | | | | | | | | | | |
| Ultra Fleece N927/35P | P | TB | H | * | | | * | * | | |
| Ultra Fleece N927/50P | P | TB | H | | * | | * | * | | |
| Ultra Fleece N927/70P | P | TB | H | | * | | * | * | | |
| Ultra Fleece N927/100P | P | TB | H | | | * | * | * | * | |
| UltraJet 124/50 | P | TB | H | * | | | * | * | * | |
| UltraJet 124/70 | P | TB | H | | * | | * | * | * | * |
| UltraJet 124/100 | P | TB | H | | | * | * | * | * | |
| UltraJet 124/150 | P | TB | H | | | * | * | * | * | |
| EcoPrint 20 | V | CB | L | * | | | | * | * | |
| EcoPrint 35 | V | CB | L | | * | | | * | | |
| EcoPrint 50 | V | CB | L | | * | | | * | | |
| EcoPrint 60 | V | CB | L | | | * | | * | * | |
| EcoPrint is the new name for type old type OL or PP | | | | | | | | | | |

Material: P = 100% Polyester up to 140 deg. Celsius. NB Not oil absorbent, and NOT food grade approved.

V = 100% Viscose

Bonding: SB = Spun bonded, TB = Thermal bonded, CB = Chemical bonded

Tensile strength: H = high, L = Low

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