

Virgin Pulp	Graphic/ Specialty	Raw Material Handling	Pulping	Screening	Centrifugal Cleaning	Deinking	Washing Dewatering	Fiber Treatment	Approach Flow System	Water, Sludge, Reject
Recovered Paper	Board & Packaging									
Broke + Approach Flow System	Tissue									
ProEnergy +		ProQuality +++		ProCapacity ++		ProYield +++		ProSpace		ProEnvironment ++++

## V-bag & V-sector – the problem solvers

### New components for rebuilding disc filters

Voith Paper has developed a number of special bags and features for rebuilding disc filters of other manufacturers:

- Voith V-bag C (Corrugated)
- Voith V-bag P (Polypropylene)
- Voith V-bag S (Stainless steel panels)
- Voith V-bag K (Kynar)
- Protector sheet combined with V-bag C & P (V-bag CP & V-bag PP)

Voith V-sectors premium – system with high adaptability, especially designed for rebuilds:

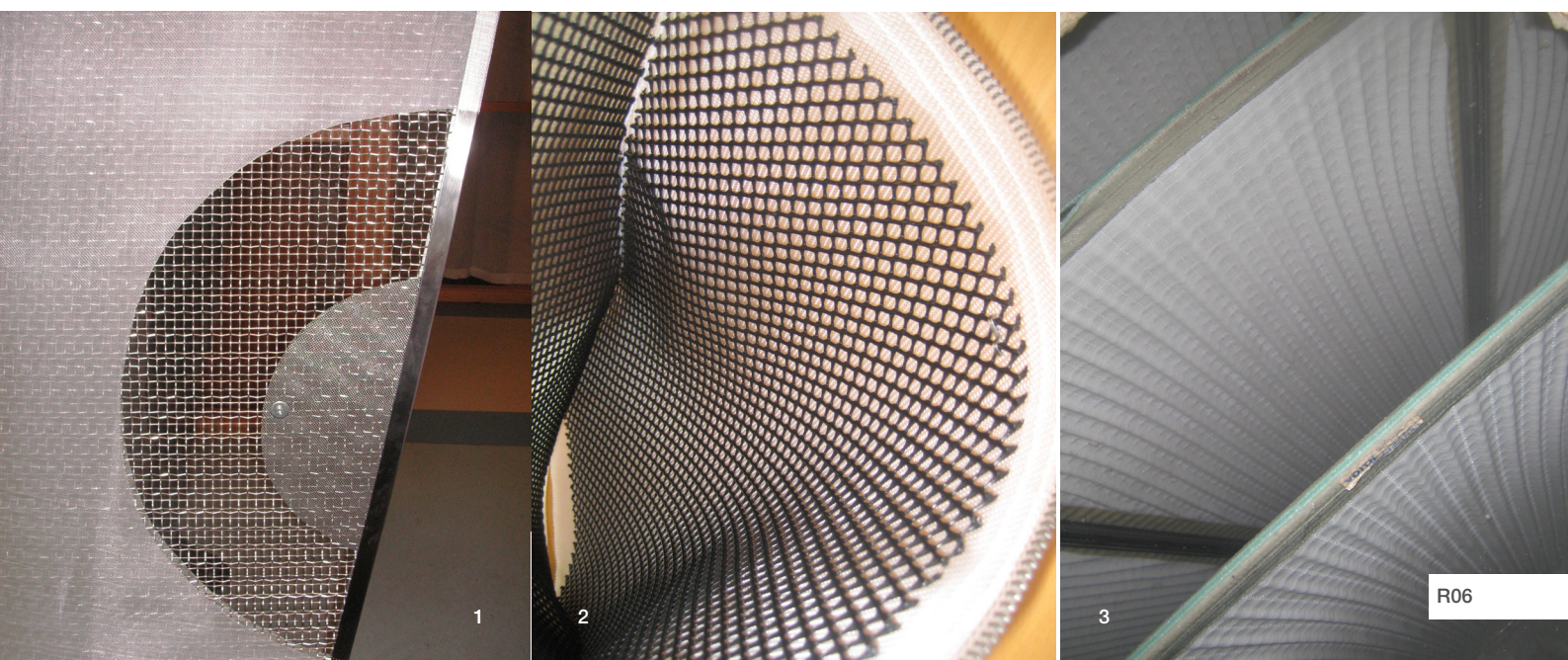
- V-sector premium F (Foot, complete sector)
- V-sector premium C (Cassette solution)
- V-sector premium R (Recycled foot)

Existing disc filters can be rebuild either with V-bags or exchanged by complete sectors. Special V-bags offer longer operational life and more stable operation for existing disc filters. V-sectors achieve even a higher quality. It is possible to change complete sectors or only the upper part.

#### Customer benefits

- + V-sector premium:
  - stronger and more durable
  - Increased bag life due to better bag support
  - availability reduces downtime due to bag changes
- + Protector sheet:
  - protects the bag from damaged segment
  - increases lifetime of bags and exchange intervals
- + Voith V-bag C:
  - increases capacity of old disc filters
  - prevents premature knock-off
  - range of different corrugating patterns available
- + Special bags with blind stripes to reduce capacity available

- 1 V-sector premium
- 2 Bag with protector sheet
- 3 Installed V-bag C



### Areas of application

For rebuilding all dewatering systems and protecting all filters, the new range of bags, protector sheets and sectors offer many benefits to the customer. The corrugated design can be customized for special applications. The bags can be offered for all non-Voith disc filters.

### Dimensions

The bags are available for 3.66, 3.7, 4.5, 3.8, 5.0, 5.2 and 5.7 meter diameter disc filters.

### References

References in operation gives excellent results:

- The protector sheet can double the life span of a bag.
- The Voith V-bag C increases capacity by 25 %.

### Maintenance intervals and services

Voith also offers installation services and service contracts for continuous support. Internally established direct buy procedures simplify order handling and save costs.

### Options and possible combinations

In addition to bags, Voith offers on-site troubleshooting services and operating advice and delivers new nozzles, knock-off showers, new filtrate valves, new center shafts, process calculations etc. to customers.

With the V-bag C we always recommend to use double knock off and protector sheet.

### Success story: Rebuilding existing filters to Voith V-bag C and two V-sectors Premium F

	Before rebuild	After rebuild
White water consistency (%)	0.4 - 0.5	0.3
PM speed (m/min)	1,350	1,440
Superclear filtrates (ppm)	70	55
White water flow to Saveall (l/s)	155	202

### Further Information

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- Link to product finder:  
[www.voith.com/paper](http://www.voith.com/paper)