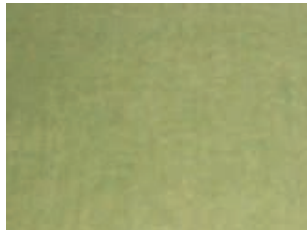




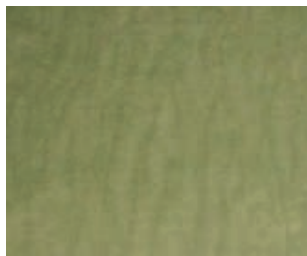
# Positive effect on jet and paper quality Headbox lamella

The Turbulence Generator with lamella prevents flow vortices in the headbox and has a positive effect on jet and paper quality.

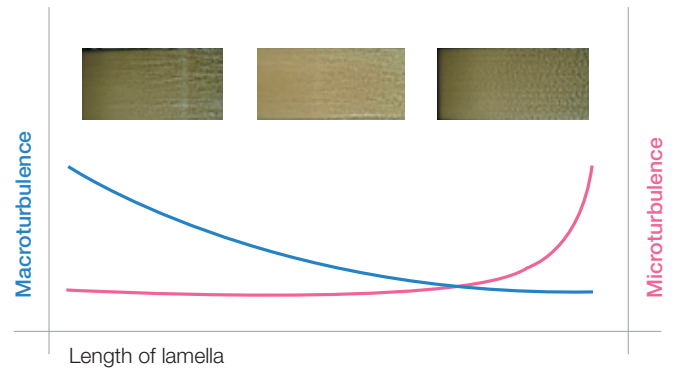
## MasterJet Pro lamella technology



MasterJet Pro



Competition



MasterJet Pro lamella technology is a powerful tool for an excellent jet quality and thus no formation streakiness.

Lamella length is optimized to reach the optimum of both:

- Macro turbulence to avoid formation streakiness
- Micro turbulence for best small scale formation

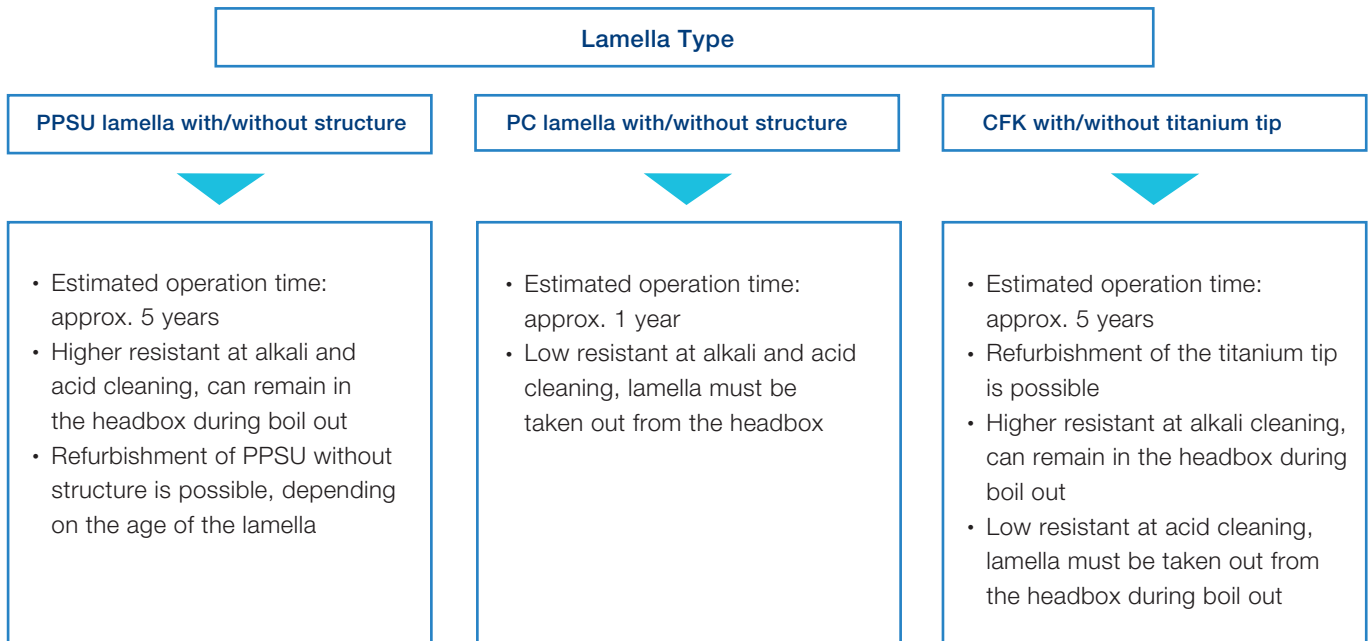
## Different lamella materials with different characteristics – Boil out limits

	Material PC	Material PPSU	Material CFK with titanium tip
<b>Alkaline cleaning</b>	Max. pH = 10 max. 40° C max. 2 h  must be taken out if limits are exceeded	Max. pH = 13 max. 65° C max. 2 h  can remain in headbox	Max. pH = 13 max. 65° C max. 2 h  can remain in headbox
<b>Acid cleaning</b>	min pH = 4 max. 40° C max. 2 h  must be taken out if limits are exceeded	min pH = 2 max. 65° C max. 2 h  can remain in headbox	min pH = 6 max. 65° C max. 2 h  must be taken out if limits are exceeded

All materials up to 65° C operating temperature are approved for regular operation.

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PPSU - premium material with highest chemical resistance



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### Lamella as spare parts – Why to buy?

Voith delivers very resistant and high-quality lamellas. In continuous operation, wear nevertheless occurs due to abrasive particles such as fillers:

- Wear of the lamellas
- Washing outs changes the shape of the lamella which leads to worn tips

- Handling errors like improper cleaning can cause small damages and result in a bad paper quality
- Damages at the tip can reduce the jet quality

As a consequence, the paper quality suffers and downtime of the paper machine is possible.

**Our recommendation is to check and change lamellas at regular intervals to avoid production losses. Check lamellas for wear or damage every two or three months and at each shutdown.**

How can we support you?  
Just contact us via our  
**webform.**



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