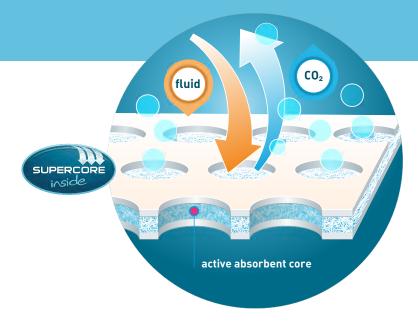
McAirlaid's MAP Enhancer

Time to win! Ready for more shelf life



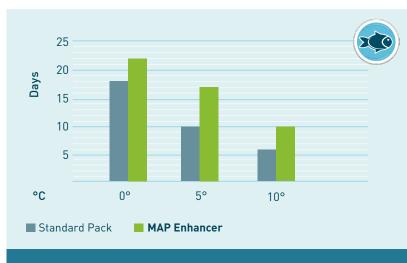
McAirlaid's MAP Enhancer is the first choice for fish, seafood, and chicken packed and distributed under modified atmosphere. It absorbs free drip and generates CO₂ in the pack – microbial growth is inhibited and shelf life maximized. Fish and seafood can even win up to 5 extra days.



Cold chain disturbances?

We have the insurance for you

Shelf life of fresh fish in days



*Modelling the Effect of Active Modified Atmophere Packaging on the Microbial Stability and Shelf Life of Gutted Sea Bass (Tsironi &al, Nov 2019, Applied sciences).



Improved quality & longer shelf life thanks to MAP Enhancer

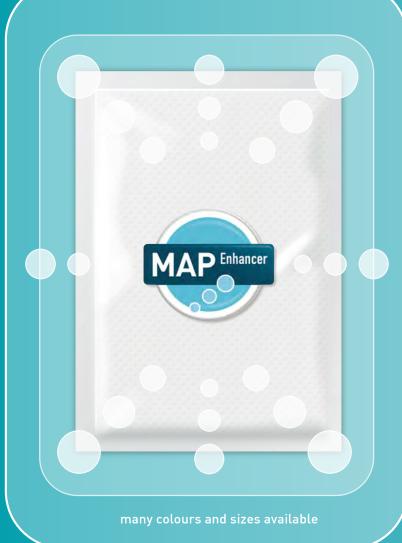






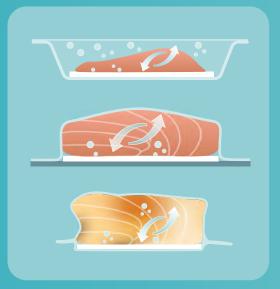






The facts in summary:

- → microbial growth is significanty reduced
- up to 5 days more shelf life compared to normal MAP packaging
- ensure better production planning
- thinner packaging with CO₂ Emitter saves space and transport costs
- excellent insurance in case of cold chain disturbances
- → collapse of packaging is avoided



Optimal for MAP, Skin and Vacuum Packaging

- MAP trays with CO₂/N₂ gas mix
- Packages proven suitable for CO₂ pads
- Vacuum packaging / skin packaging
- Transport packaging

Effect of CO₂-emitter for poultry 1,0E+0,8 1,0E+0,7 1,0E+0,6 1,0E+0,5 1,0E+0,3 1,0E+0,2 Storage time 2 5 7 8 9 10 11 (days) MAP with Standard Pad MAP with MAP Enhancer

*Total microbial count in chicken fillet in MAP pack (70% CO_2 and 30% N2), stored at 4°C for 11 days, industry study by McAirlaid's. Entering the orange zone is already critical and alarming.

Up to **5 DAYS** more shelf life!

Please contact us for more info

McAirlaid's Vliesstoffe GmbH

Corporate Head Office

Münsterstr. 61-65 D-48565 Steinfurt Tel.: +49 2552 9334 0 Fax: +49 2552 9334 20 info@mcairlaids.com

Germany

Zum Eichberg 2 D-37339 Berlingerode Tel.: +49 36071 9009 0 Fax: +49 36071 9009 99 info@mcairlaids.com

Germany 2

Steigerstr. 10 59379 Selm

Tel.: +49 2592 9141 50 Fax: +49 2592 9141 529

USA

McAirlaid's Inc. 180 Corporate Drive Rocky Mount VA 24151 Tel.: +1 540 352 5050 Fax: +1 540 352 5053 contact@mcairlaids.com

www.mcairlaids.com

May 2022





SuperCore: clean, barrier-free absorption power

Our SuperCore nonwoven material consists of pure Cellulose with excellent absorbent properties. The manufacturing technology delivers products with absolutely no adhesives or binders resulting in impressive absorption and enhanced liquid distribution compared to traditional pads.



