

## Ardagh Produces World's Lightest Aluminium Seafood Can

Pioneering development work at **Ardagh Group's** specialist aluminium can plant in Cuxhaven, north Germany has resulted in the production of the world's lightest aluminium seafood can.

The shaped seafood can, referred to in the industry as a “dingley”, has been designed with a conical wall thickness of **only 0.170 mm**, a significant advance over its nearest competitor at 0.215mm.

This impressive innovation was achieved by technicians at the Cuxhaven plant supported by Ardagh's R&D Centre in Crosmieres, France.

Together they applied their in-depth knowledge of beading – the ridges, which come in many shapes and sizes, built into the can to give its body strength and stability.



The lightweight can is now available in 100 gr or 115 gr.

The development involved detailed testing, which established the most suitable shape and size of the beads as well as ensuring the correct distance between the beads to achieve the same optimum stability as cans with standard thickness.

The Cuxhaven Technical Service Team also developed a modified seaming technique for the new can. Working closely with **Larsen Danish Seafood**, the first customer in Germany to use the new lightweight can.

They overcame the challenge of securing optimised seaming on a lightweight can with a much thinner body and Easy Open ring pull lid.

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