

# Piranha™

Modified atmosphere packaging (MAP) containers that no longer require a polyethylene layer or adhesive coating.

Piranha™ is our pioneering mono-material recyclable tray for meat, fish and poultry (MFP) products that doesn't require a polyethylene layer or adhesive coating which means it can be fully and easily recycled back into food grade recycled PET (rPET).

Test results from contaminated flange sealing (chicken fat) showed that when burst in the Leak Detector, samples achieved higher resistance to burst compared to our traditional flat flanged trays.



**Waddington Europe can make new tooling or convert existing tooling quickly**

**100% recyclable back into food grade rPET**

**Option to make with up to 100% recycled PET (rPET)**

**UK Plastic Tax compliant**

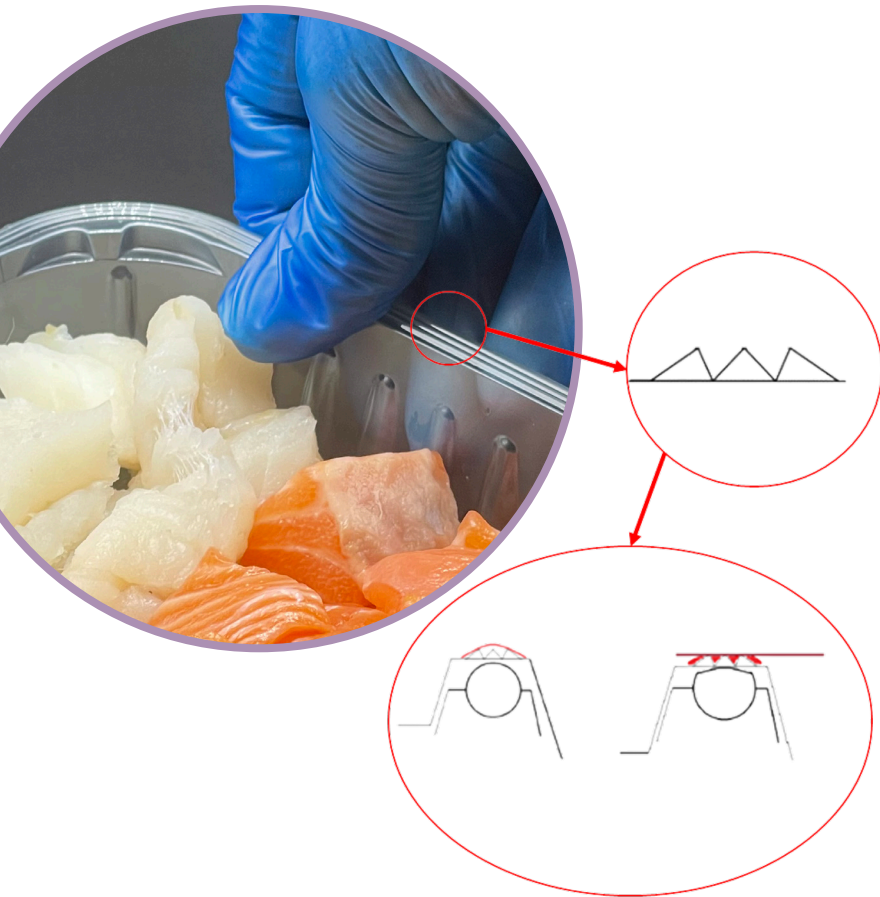
**PIRANHA™**  
by Waddington Europe



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PE layers or adhesives are traditionally needed for meat, fish and poultry (MFP) products because the tray flange surface can become contaminated by greasy animal fat on the packing line, which can create a barrier between the top and bottom webs and interfere with film lid seal closure.



Piranha™ is sealed using a series of raised teeth that run around the sealing flange to maintain the seal's integrity.

Any greasy contaminant can be wiped away and forced into the channels between the teeth, leaving the peaks clear and clean to contact the PET top web.

Under the same sealing temperatures and dwell time, the top web adheres to the peaks, creating the seal. During filling-line trials of Piranha, the problem of burst seals due to grease contamination on mono-PET sealing was cut to almost zero.