



Sustainable Water Consumption



Compostable



Renewable

ADVANCED PRODUCTS

Vendura Avocado

RECYCLED AVOCADO + RENEWABLE FINISH
(Chrome-Free)



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At Pangea, our mission is to take what nature has created and preserve it. Enhance it. Make it useful and beautiful. Our line of Advanced Products does just that.

Using proven tanning and finishing processes, we have crafted a stunning new range of automotive leather solutions.

Inspired by the natural world, Pangea's Advanced Products are the perfect canvas to create unique luxury products that amaze and inspire.

Pangea Vendura Avocado

Renewable. Compostable. Rising from and returning to the earth. Vendura Avocado advances our Pure Tan platform by transforming a global food byproduct into a next-generation, chrome-free leather.

Mexico produces approximately 2.65 million metric tons of avocados annually, resulting in an estimated 424,000–530,000 metric tons of pit waste. These pits, once discarded, are now upcycled into natural biopolymers rich in tannins and polyphenolics – ideal for sustainable retanning. For every 1 kg of pits collected, 1.4 kg of biopolymer mixture is produced, using solar energy in the conversion process.

By replacing petroleum-based components with avocado-derived renewable chemistry, Vendura Avocado keeps the soft luxury of Pure Tan leather while reducing waste, carbon impact, and landfill emissions.

Chemistry (beamhouse + tan + retan + finish)

1.47 kg chemicals/m² + 0.23 kg/m²
avocado biopolymer

Renewable Chemistry

Coating: 20% bio-PU

Substrate Retan: 62%

Overall: 30% of all chemicals from renewable sources (vs. 25% in standard Vendura)

Recycled Chemistry:

Local avocado-based biopolymers integrated into the Pure Tanning process

Waste Management:

Compostable, metal-free leather

Options: energy recovery & collagen recovery

Global Warming Potential (GWP100): ~26% lower vs. traditional chrome-tanned leather (aligned with Vendura baseline)

Local Waste Diverted from Landfill:

0.26 kg avocado pits/m² (avoids ~0.16 kg CO₂e/m² from MSW landfill)

Recycled Water Usage:

6% from the Pure Tanning process

Energy & Electricity (Scope 2):

≈0.46 kg CO₂e/m