



# WHAT IS UV LIGHT?

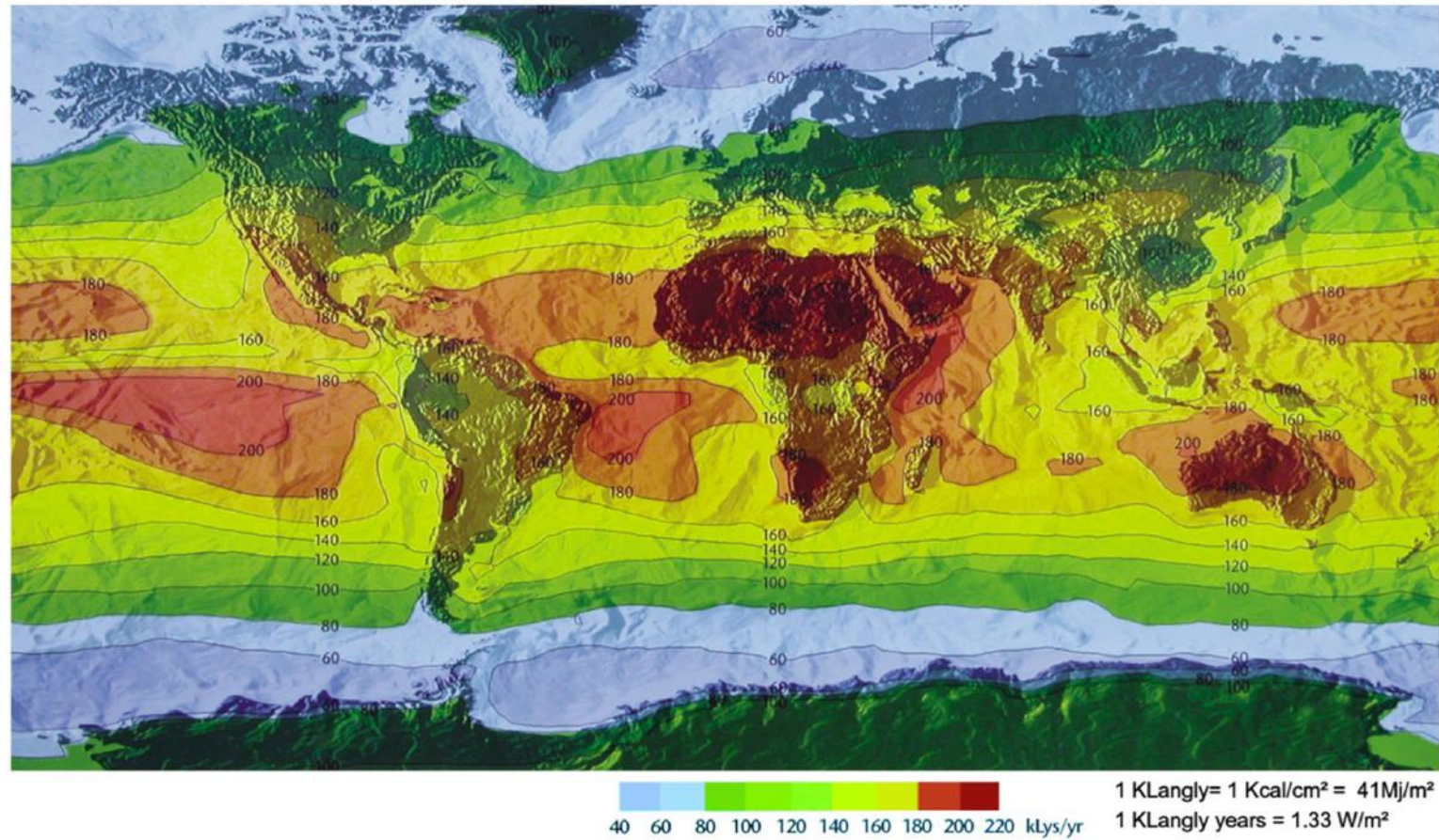
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# UV intensity across the globe

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Plastipack manufacture our materials to reach there expected lifespan to the market place our customers request. It is the responsibility of our customers to ensure the appropriate UV stabilized product is being sent to the end user. This is necessary to ensure the covers reach their expected lifespans within the environmental conditions the product will be exposed to.

# Expected Lifespans

The expected lifespans have been tested under chemical levels consistent with a pool balanced within industry standards.

**Products with GeoBubble™ technology up to 25% longer lifespan.**

Standard materials	
Product	Expected Lifespan
400 micron	4 years+
400 micron + weave	4 years+
500 micron	5 years+
600 micron	5 years+

High performance materials	
Product	Expected Lifespan
Sol+Guard™	8 years+
EnergyGuard™ Selective Transmisson	8 years+
CoolGuard™ Ultra	8 years+
RaeGuard™	8 years+

Water storage cover materials	
Product	Expected Lifespan
VapourGuard™	Up to 10 years

# Material Testing

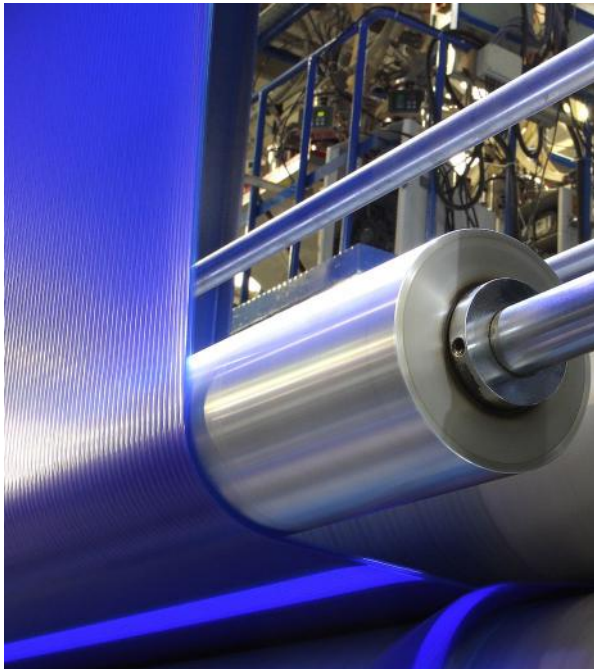
To ensure the product's lifespan, Plastipack internally tests accelerated weathering samples subjected to a high chlorine solution.



Plastipack also performs Gas chromatography and X Ray Fluorescence Radiation spectroscopy testing on materials which have reached the end of their working life to determine the chemical content within the material, ensuring it is reaching its desired lifespan outside of the lab environment.

This, combined with the expertise of the leading additive and pigment suppliers that we collaborate with on product testing and development, allows us to produce a consistent and reliable product tailored to provide a good return on investment for your end users.





**PLASTIPACK LIMITED**™

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