

# ARC - SPEEDDOORS

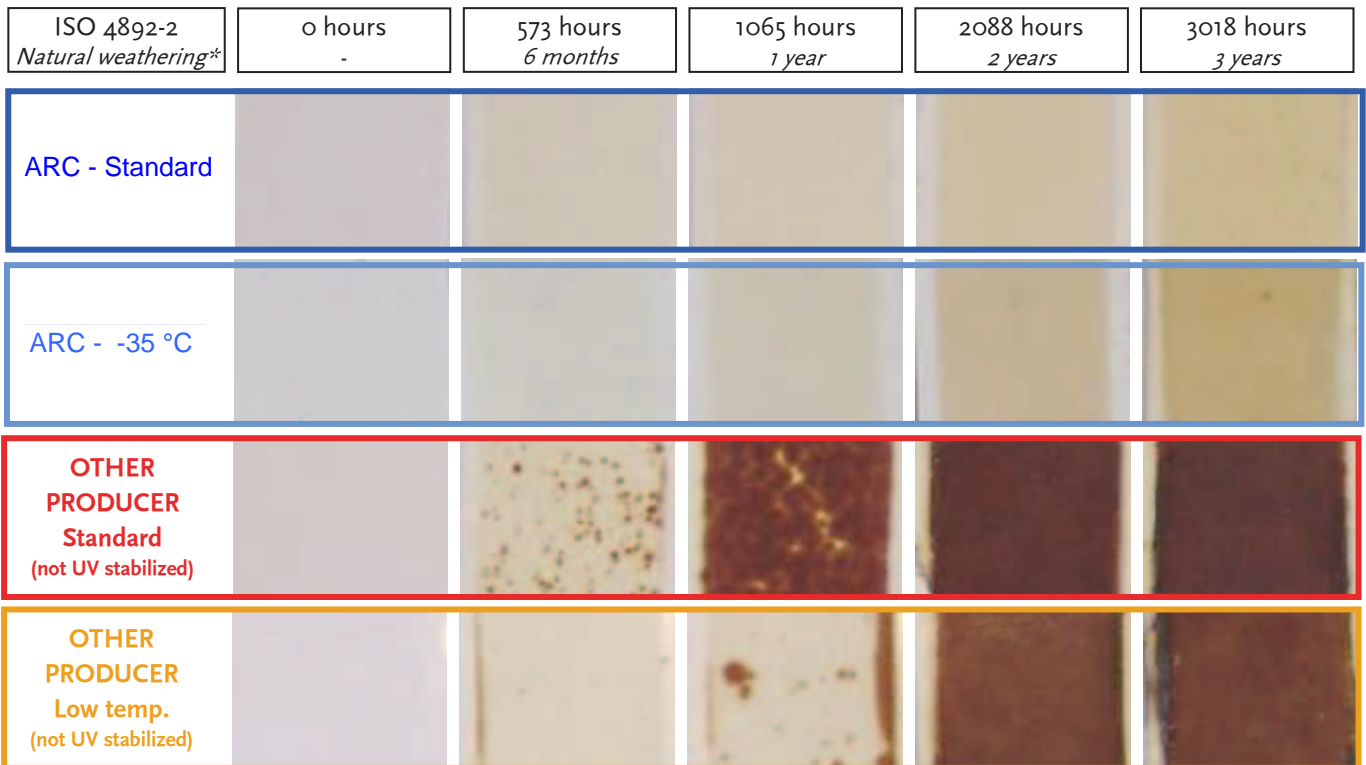
## Are all flexible PVC strips & sheets the same?

focus on

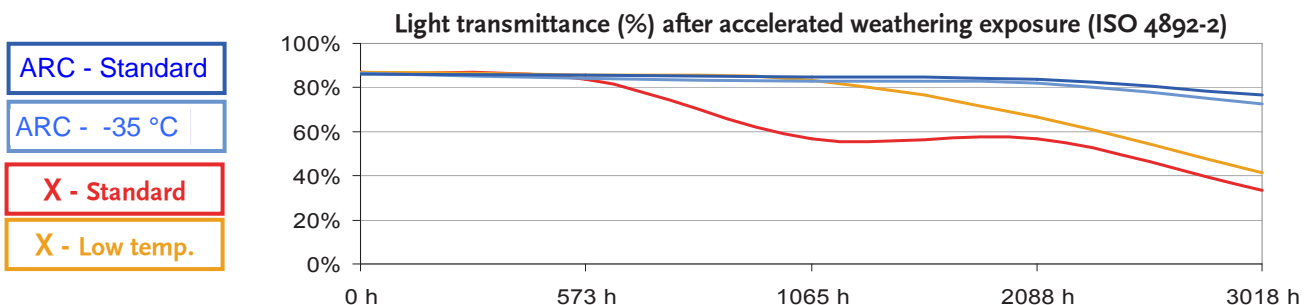
### STABILIZERS & DURABILITY

In use, flexible PVC strips and sheets are exposed to harmful constraints coming from surrounding environment. UV sun radiations (Ultra Violet) can break down polymer chemical bonds, degrading its mechanical performances and transparency. This phenomenon can be largely delayed by adding UV stabilizers into the material. UV stabilizers inhibit polymer degradation by absorbing and dissipating harmful radiations and make flexible PVC strips and sheets very durable. Contrary to ARC's deliveries some manufacturers don't use UV stabilizers and that make a real difference on end products durability.

Flexible PVC strips and sheets after accelerated weathering exposure (ISO 4892-2)



\* Approximate natural weathering time equivalent to ISO 4892-2 exposure time.



**All ARC flexible PVC strips and sheets are UV stabilized to ensure durability.**

Flexible PVC strips and sheets available on the market are often not UV stabilized because customers can't notice it on new products and that allows cost savings in order to make more profits to the detriment of product durability. Such practices contribute to degrade the image of PVC in the public opinion instead that flexible PVC is a safe, environmental friendly, ecological, recyclable and durable product if made properly.