

# Fact sheet

## Ultraviolet exposure of Gloves with Dyneema®

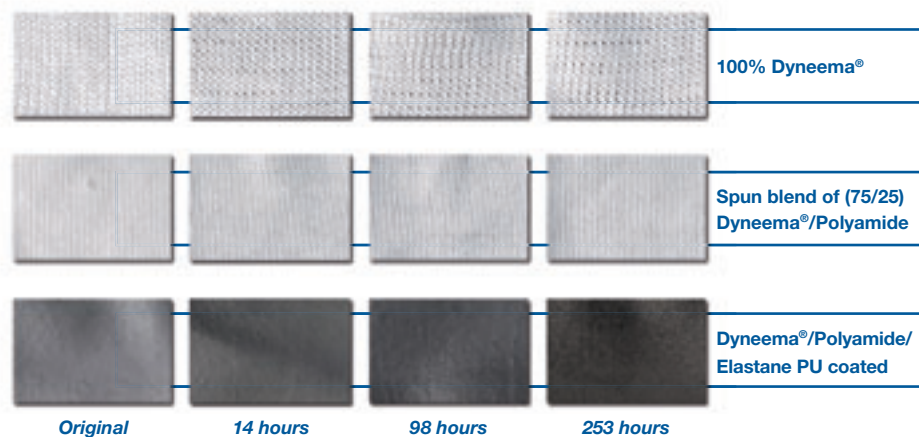
### After sustained UV-exposure, Dyneema® used in gloves show no decline in Cut Resistance.

The effect of UV radiation on Cut Resistance performance was tested according to test standards ASTM G155/ISO4892-2 for UV exposure (constant illumination) and ASTM F1790-05 for Cut Resistance. Three different glove samples have been exposed for 3 different exposure times, being 14, 98 and 253 hrs of constant exposure at a temperature of 42°C / 108 F and a relative humidity of 50%.

The correlation between the absolute number of exposure hours in this test and reality (number of days) will depend on the weather and climate conditions of the specific country.

#### Discoloration:

Samples show no effect on the discoloration of Dyneema® after exposure. The PU coating on the glove has become slightly darker, but this has no negative effect on the Cut Resistance.



#### Cut Resistance:

No decline in Cut Resistance performance was measured on the samples after exposure compared to non-exposed samples.

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