



4-Stripes GmbH
Friedrichstraße 171
10117 Berlin

Your message from
23.1.2019

Your signs

Our signs
6.2 RSt

Phone extension
03672-379-234

Date
20.03.2019

Report

1. Allgemeines

Report number: 004/6.2/2019
Customer: see above
Test article: textile fabric with UV protective equipment
Sampling: by customer
Audit objective: Determination of Ultraviolet Protection Factor (UPF) *
Entry Date: 07.02.2019
Authorized person: Herr [REDACTED], Herr F. [REDACTED]
Subcontractors: not included
Test methods: Transmittance measurement with UV radiation of a solar spectrum in accordance with the standard EN 13758-1
Radiation: Solar spectrum Albuquerque (New Mexico)
Measuring range: 290 – 400 nm
Page number: 2
Report copy: 1 exemplar each for customer in German and in English and 1 exemplar for contractor

* not accredited test method

The measurements were performed during entry date and report date.
The results of the measurements refer exclusively to the test articles.



2. Test procedure discription

The textile samples are irradiated in untreated state in a device-specific sample holder with the solar spectrum. The permeability of the radiation is measured and recorded in dependence of the wavelength of the UV spectrum. The UV protection factor of textile samples results by analysis data and is output as UPF immediately after the measurement. The textile sample is measured at various sample sites (scans).

2. Test results

S. Attachement

The delivered sample was measured at a total of 8 sample sites, distributed over the entire sample surface. Top or bottom of the textile were not marked, so after 4 measurements the sample was turned and 4 more scans were done.

Determined UPF-value: 50+

Evaluation:

UPF	UV-protection
< 15	minimum
15 - 30	good
50, 50+	excellent

The results of the measurements show excellent UV-protection properties for the textile sample.

Rudolstadt, 20.03.2019

Dr. R. [REDACTED]
AG 6.2
TITK e.V.