

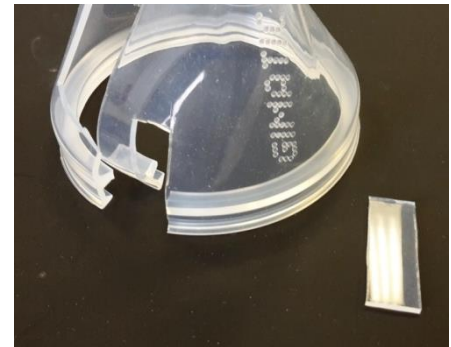


# Test protocol UV-Vis-Spectrum analysis (qualitative)

<b>Report number:</b>	GI 1804-1027 part 01
<b>Date:</b>	05.04.2018
<b>Sample:</b>	Silicone cover
<b>Customer:</b>	Gimatic S.r.l.
<b>Contact person:</b>	Dr.-Ing. Markus Keller Fraunhofer IPA Nobelstr.12 70569 Stuttgart

### Test sample

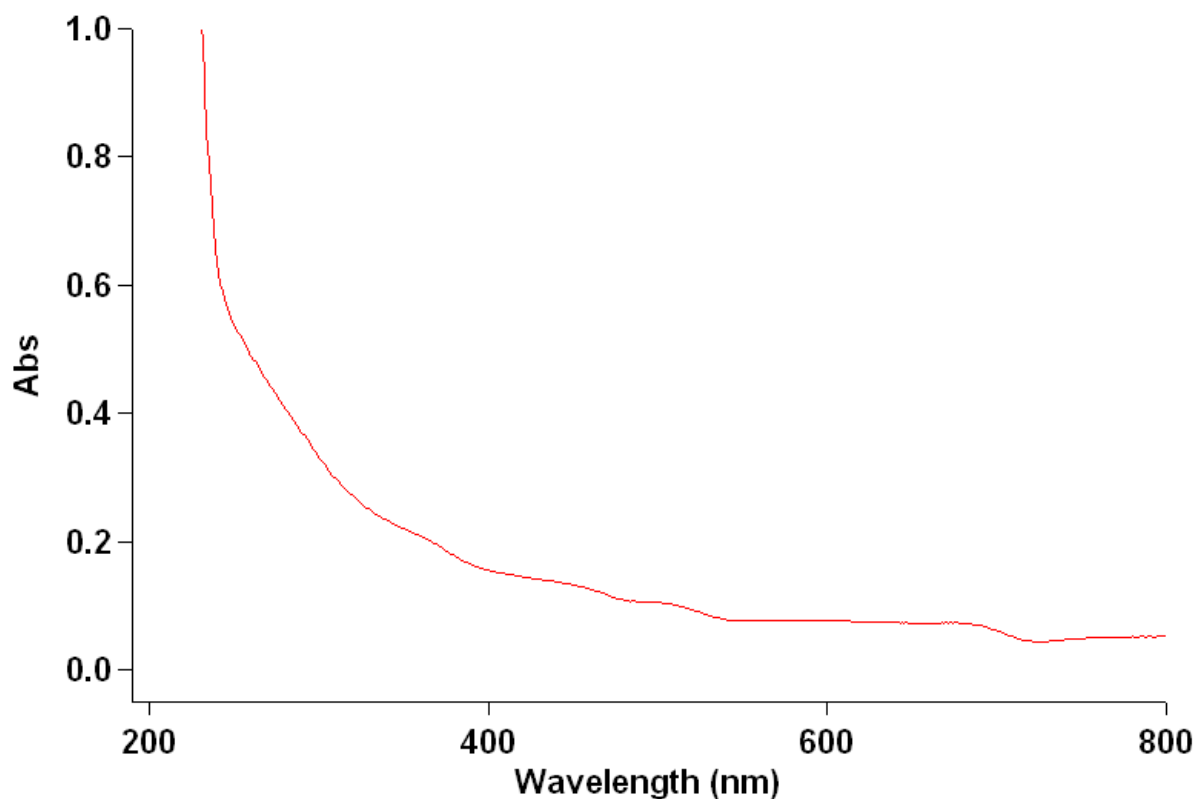
**Name:** Silicone cover  
**Packaging:** Packed in PE-bag



### UV-VIS Analysis

**Device / Model:** Varian Cary 50  
**Measurement mode:** Transmission  
**Scan range:** 190 - 800 nm  
**Scan speed:** 600 nm/min  
**Resolution:** 1 nm  
**Beam Mode:** Dual Beam  
**Method:** Qualitative Analysis

### Result UV-VIS Analysis: Spectrum



**Result:** The examined sample is non-transparent for UV-C radiation below 230 nm.

This picture illustrates the positioning of the material sample in the UV-VIS measurement device. The metal sample is used in order to define the needed aperture.

