

1. Differentiation of front- and backside of a fleece

The front side of a fleece should be differentiated from the back side.

The back side (non structured side) is UV fluorescent, whereas the plastic structured film is nonfluorescent and damps the fluorescence. For this purpose a color fluorescent sensor type **SPECTRO-3-30-UV** is used. The distance from the sensor to the object surface is around 30 mm and the detecting area at this distance approximately 15 mm. The front side of the fleece can be proper differentiated from the back side as shown in the screenshots.

