



tesa[®] 54140 UV Strips

Product Information

UV Strips

tesa[®] 54140 UV Strips is a multilayer photosensitive die-cut. tesa[®] 54140 is made of a UV photosensitive polymer film, a PET single sided self adhesive backing and an flat-back release paper. tesa[®] 54140 needs to come with a Hoenle UV Scan for precise determination of colour change and thus determination of exposed UV dosage.

tesa[®] 54140 features especially:

- High sensitivity to UVC and UVB light
- Very good adhesion on paper and filmic substrates
- Low product thickness
- Flexible product design

The innovative tape composition includes the following functions:

- Colour changing photosensitive detection film (change from transparent to pink colour after exposure)
- Easy to fix properties makes it usable even at vertical web paths
- Easy to peel of due to finger lift design
- None sticky properties of photosensitive film afterwards peeling off

Strip size: 70mm (length), 19mm (width)

Sealed strips must be stored between 15°C – 40 °C (short-term 60°C)
Measurement with UV Scan 3 min to 2 hours after exposure to UV source

Thickness: 150 µm

Linear Detection Range: 15 – 200 mJ/cm²

Preciseness: ± (5 mJ/cm² + 15 % relative to value)



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Disclaimer

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