

ARA-LT[®]: User manual

After ensuring that the laser is suitable for the intended ARA-LT[®] application and that the correct setting of the laser parameter settings has been carried out, the substrate (= product) and the ARA-LT[®] film are positioned: The laser-transferable PVD layer on the PET film strip is first brought into direct contact with the product surface with the layer side and placed in the focus of the laser device.

Now the imaginary laser image in the computer software has to be uploaded and underlaid with the correct laser parameter settings.

Subsequently, the layer transfer can be carried out. These laser works may only be carried out by suitably trained personnel. The process is shown schematically below.

If necessary, the film strip should be weighted with a flat (transparent) glass on the product surface or a specially made device may be used to avoid an air gap between the film and the product surface. In many cases, the application of the film is sufficient to achieve a good result. It is important that the PVD-coated foils are only used for the product materials intended for this purpose.

If you have any problems, feel free to contact our experts:

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Illustration of the laser-induced transfer of PVD-coatings

