# INFORMATION



#### **Temperatures**

The higher the ambient temperature the faster is the sublimation time. Air condition or in general ambient air ventilation is also reducing the sublimation time



#### **Surface Texture**

Sublimation time depends on material, surface, complexity and roughness of the scanned object



### Layer Thickness of the Matting Agent

With a proper application of REFLECON® spray, a film thickness of 5 -  $35~\mu m$  will be achieved.



### REFLECON® Tarnish Type 1

- Volatile | Sublimating

# REFLECON® Tarnish Type 2

- Non-Volatile | Permanent

## **Material Suitability**

The use of REFLECON® Tarnish 3D scanning spray is suitable on the following materials:

- · Metals and non-metals
- Thermoplastics such as PC, PP, PU or ABS
- Polyester, cotton, PLA fibers
- 1-component coatings, plastics, rubber: For suitability see corresponding product information
- · Glass and ceramics

## Description

REFLECON® Tarnish 3D scanning spray has been developed to dull reflecting, mirroring, transparent or dark surfaces for the 3D optical measurement technique. 3D laser scan allows a quick and exact non-contact measurement of complex geometrics. For an optimal measurement of reflecting, mirroring, transparent or dark surfaces a Scanning-spray should be applied before.









#### **Contact**

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Sublimation process for REFLECON® Tarnish Type 1 products.



















# NOTES

- Sublimation time depending on object and ambient temperature (Tarnish Type 1)
- No post-cleaning of the objects (Tarnish Type 1)
- No dust residue while spraying (Tarnish Type 1) → protects the fan of the laser equipment
- Declaration acc. to GHS
- Very good, thin and uniform spray pattern
- Very good adhesion and removability of marker
- Clean surfaces completely before use
- Minimum shelf life is 3 years at storage temperature for aerosol cans and bulks

The material suitability must be tested before use! The scan object should always be tested on a non-visible spot before using the scanning sprays! No liability is assumed for any damage!