## 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<sup>®</sup> spray, a film thickness of 5 - 35 um will be achieved.

# **REFLECON** 3D SCANNINGSPRAY

#### **REFLECON®** Tarnish Type 1

#### **REFLECON®** Tarnish Type 2 - Non-Volatile | Permanent

- Volatile | Sublimating

#### Material Suitability

The use of REFLECON<sup>®</sup> Tarnish 3D Scanningspray 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 Scanningspray 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 Scanningspray should be applied before.









#### Sublimation process for REFLECON® Tarnish Type 1 Products.

### Contact

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**REFLECON** 

**TYPE 1 - SUBLIMATING** 



(᠌ ≈ 5-8 h





(I) ≈ 5-15 min 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)  $\rightarrow$  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!