

3D SCANNING SPRAY

for transparent and reflective surfaces



Made in Germany

THE ORIGINAL WITH
ATTBLIME® CYCLODODECANE

Transparent, dark, shiny and objects with deep pockets/ complex profiles often pose serious challenges in scanning. The blue light from 3D Scanners gets transmitted, refracted or sometimes reflected based on the properties of the object, thereby leading to inaccuracies in scanning.

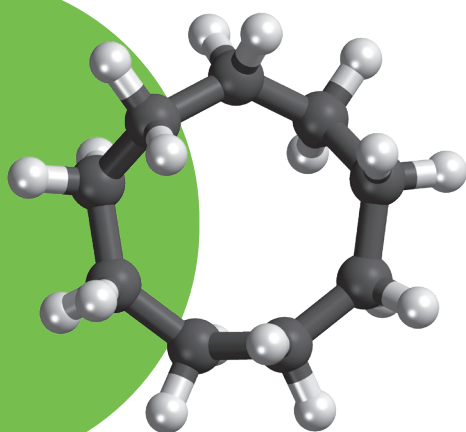
110+ years
in speciality chemicals

Introducing the world's most **advanced 3D Scanning Spray - ATTBLIME[®]**, a sublimating/vanishing /self-evaporating matting spray.

Why ATTBLIME[®] Cyclododecane?

- A specially treated and modified compound
- Long-duration sublimation
- Highest dimensional accuracy
- Gives a very thin, homogeneous and a uniform layer
- Harmless to humans and the environment
- Residue-free
- Non-toxic, non-carcinogenic, and label-free

According to SGS Institut Fresenius, no residual cyclododecane could be detected 24 hours after applying ATTBLIME[®] AB6 and 96 hours after applying ATTBLIME[®] AB24, making the products 100% residue-free.




The ATTBLIME[®] advantage

ATTBLIME[®] Cyclododecane is specifically optimised for servicing in-line scanning applications during serial production and quality control. Our working models for fully integrated automated robotic scanning systems with our key automation partners for the Automotive, Aerospace & Defence Industries. It is the most economical and sustainable working model for full-scale 3D scanning.

- Optimised for servicing in-line scanning applications
- Fully integrated automated robotic scanning systems for the Automotive, Aerospace & Defence Industries
- Lowered scanning costs

Our products

	AB2	 AB6 (Best Seller)	AB24	ABP
Key ingredient	ATTBLIME® CYCLODODECANE			Renewable natural pigments
Basis	Alcohol + Hydrocarbons	Alcohol	Solvent-Free	Alcohol
Type	Sublimating			Non-Sublimating
Pigment	Pigment-Free			Food Grade Pigments
Colour	Whitish Gray	White	White	New Co-operative Gray
Residue	NIL			Grey Powder Film
Effective Scan Time*	1-2 hours	2-6 hours	12-24 hours	---
Sublimation Time	2-4 hours	6-10 hours	24-48 hours	---
Film Formation	30 seconds	Instant	Instant	---
Replaces	Conventional Developer Paint Non-Evaporating Sprays	Conventional Cyclododecane Sprays, Adamantane Sprays	Conventional Cyclododecane Sprays	Conventional Developer Paint Non-Evaporating Sprays
Coating Thickness	< 3 microns	5.75 microns (Aerosol) 3.6 microns (Bulk)	32 microns	7 microns (Aerosol) 3.95 microns (Bulk)
Application	3D Scanning	3D Scanning	3D Scanning, Art Conservation and Restoration	3D Scanning
Adherence of Reference Points on Film	Yes			
Size of Component	Small - Medium	Small - Large	Large	Small - Large
Surface Compatibility	All types of materials**			
Area Coverage (m ²)	2.0 - 2.5 (Aerosol)	2.5 - 3.0 (Aerosol) 12 - 16/L (Bulk)	3.0 - 3.5 (Aerosol)	3.0 - 3.5 (Aerosol) 14 - 16/L (Bulk)
Spray Mechanism (Aerosols)	ATTBLIME SHC®			
Spray Mechanism (Bulks)	< 0.75 mm of Spray nozzle			
Spray Distance	10-20 cms	10-20 cms	5-10 cms	15-25 cms
Toxicology	Irritant (Solvent)	Irritant (Solvent)	Non-Toxic	Irritant (Solvent)
Form & Pack Size	Aerosol 400 ml	Aerosol 400 ml Bulk 1L, 5L, 125L (AB6G)	Aerosol 400 ml	Aerosol 400 ml Bulk 1, 10, 200 L (ABP G)
Case Size	6 or 12 (Aerosols)			
Storage Temperature	5-45°C			
Shelf Life	5 years			

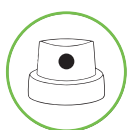
*Effective Scan Time is the actual intact duration that the coated layer stays before sublimation.

**Test patch before use.

SHC system

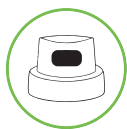
(Spray Head Change System):

The spray cans are equipped with a unique SHC[®] system, enabling the user to choose between vertical and horizontal, as well as broad and narrow exit angles, to control the film thicknesses and thus sublimation times.



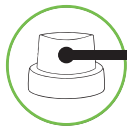
Round spray head

- High-resolution details
- Shorter sublimation time



Variable spray head (Rotatable)

- The Vertical and horizontal spray pattern
- Longer sublimation time



Extended tube spray head

- For hard to reach areas
- High resolution details



Watch **ATTBLIME**
in action



**IN-LINE 3D SCANNING,
NOW POSSIBLE.**



AB6 G

*A one-of-its-kind solution to
all your bulk scanning problems*

Making 100% in-line 3D scanning on production floors a reality.

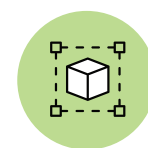
AB6 G is a superfine and versatile 3D spray developed with the inputs of leading industry experts, using the optimised ATTBLIME® Cyclododecane. It is the most ideal for all types of in-line/automated 3D scanning requirements across the Automotive and Aerospace industries. Achieved industry's highest user satisfaction for in-line scanning application with immense focus on precision and dimensional accuracy.



ATTBLIME AB6 G sprayed using air brush



ATTBLIME AB6 G sprayed using spray gun



Effective
**High-Performance
3D Scanning**



Optimised
**ATTBLIME®
Cyclododecane**



Residue-free



Cost-effective



Minimal layer
thickness of
3.6 Microns



Adjustable
sublimation time
from **1 to 24 hrs**



Nozzle compatible with all
types of spray systems with diameter
less than 0.75mm

ATTBLIME® AB6 G
sprayed using
spray gun



Areas of application/ Industry



Automotive



Aerospace



Engineering



Art



Conservation &
Restoration
Architecture



Medical



Digital Archiving



Optical Metrology



Research &
Development



Measurement
Services

To know more on how ATTBLIME® can be used in your field or for special applications, please contact us.



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