

UV cured Mask

HAYATONE MB

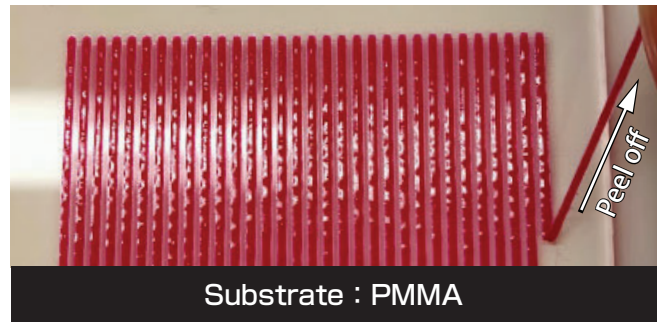
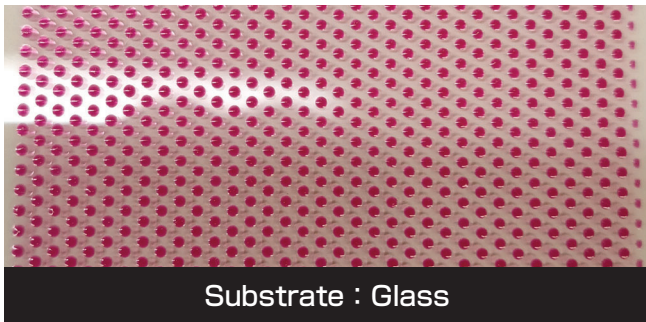
■ Application

HAYATONE MB is a UV curable resin for protecting Glass, Plastic, and Metal at the Sandblast process.

■ Features

- This is a solvent-free mask material that is for screen printing.
- Closely adhere to Glass/Plastic (PMMA, PET, PBT, etc.) and Metal (Aluminum, SUS304, etc.).
- It is possible to make thick masking layer. The cured layer has rubber elasticity, so it performs excellent blasting resistance.
- Available to be used for both Sandblast and Wet blast, and it has excellent fine drawing.
- It can be easily peeled off by using hot water.
※Depending on the conditions, it is possible to peel off only by hand without hot water.

■ Grade (HAYATONE MB)



■ Characteristics

Item	Substrate	Result	Method
Adhesion test	Glass	No peeling	Cellophane tape peeling, angle: 45 degrees
	PMMA	No peeling	
Peeling (Hot water)	Glass	◎	After UV cured, soak in hot water and check peeling by hand.
	PMMA	◎	

◎: It was easily peeled off. Large residues are not left, and can be wiped off with fingers.

● Cure condition

High-pressure mercury lamp: Integral UV light intensity ;350mJ/cm², Thickness: 100um
e.g.: High-pressure mercury lamp, 120W/cm² unit, Distance 200mm, Conveyor speed 8m/min, 3 passes

● Peeling condition

Soaking in hot water at 80°C ⇒ check that it comes off easily with fingers.

*Workability: "Reducer AL" It is a reducer to be appropriate viscosity at screen printing process.

※The above figures and conditions are our measurement values, not standard values. Please use it as a guide.



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