



Dicing Tapes Heat-Resistant Type

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Heat-Resistant Dicing Type

HUV-7000 Series

- Features

- The conventional dicing tapes (our product; HUV-S3000 series etc.) do not have heat resistance.
- There is no heat-resistance in UV curable adhesive .When UV curable adhesive is heated by 50 °C or more, the adhesive residue occurs and adhesive strength does not fully reduce after UV irradiation.
- Heat-Resistant tape is UV curable type, and even if it is heated up 150 °C in your process for 1 hour, it can easily be peeled from the work after UV irradiation, and there is little generating of a adhesive residue.



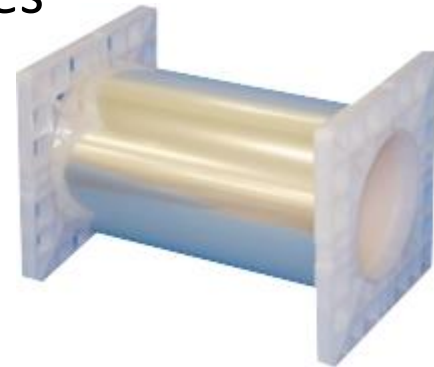


Heat-Resistant Dicing Type

HUV-7000 Series

- Features

- Heat-Resistant tape “**HUV-7000 series**” has three kinds of Lineup.
 - HUV-S7125 is **Single-sided tape** and UV curable type.
 - HUV-D7125 is **Double-sided tape** and UV curable type.
 - HUV-D7125-30/10 is **Double-sided tape** with **one side of non-UV adhesive and other side of UV curable adhesive**.
- These products are processing all the processes in a clean room.





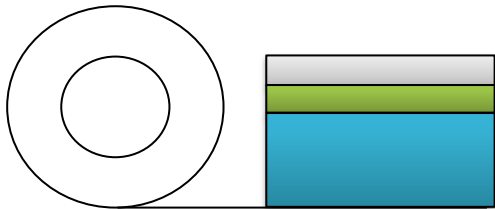
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- Lineup

HUV-S7125-30

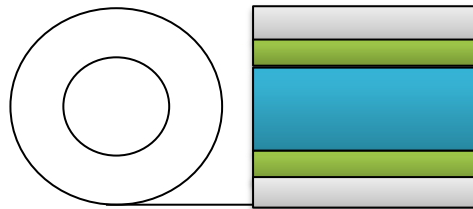
Single-sided Tape
with Single coated
UV curable Adhesive



- Release Liner : PET 25 μ m
- Adhesive Layer : UV-Curable 30 μ m
- Base film : Special PET 125 μ m

HUV-D7125-30

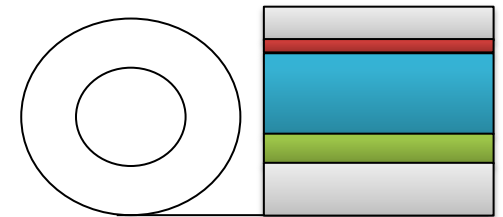
Double-sided Tape
with Double coated
UV curable Adhesive



- Release Liner : PET 25 μ m
- Adhesive Layer : UV-Curable 30 μ m
- Base film : Special PET 125 μ m
- Adhesive Layer : UV-Curable 30 μ m
- Release Liner : PET 25 μ m

HUV-D7125-30/10

Double-sided Tape with
one side of non-UV and
other side of UV curable Adhesive



- Release Liner : PET 25 μ m
- Adhesive Layer : non-UV 10 μ m
- Base film : Special PET 125 μ m
- Adhesive Layer : UV-Curable 30 μ m
- Release Liner : PET 50 μ m



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- Typical Property

ITEM		UNIT	HUV-S7125-30	HUV-D7125-30		HUV-D7125-30/10		
Coated Type		-	Single Coated	Double Coated		Double Coated		
			Inside	Inside	Outside	Inside	Outside	
Adhesive type		-	UV	UV	UV	non-UV	UV	
Total Thickness		μm	155	185		165		
Base film	Material	-	Special PET	Special PET		Special PET		
	Thickness	μm	125	125		125		
Release Liner	Material	-	PET	PET	PET	PET	PET	
	Thickness	μm	25	25	25	25	50	
Adhesive Layer	Material	-	Acrylic	Acrylic	Acrylic	Acrylic	Acrylic	
	Thickness	μm	30	30	30	10	30	
Adhesion Strength	Normal Temperature	Before UV	N/25mm	4	4	4	6	4
		After UV		0.2	0.2	0.2	-	0.2
	150°C -1hr	Before UV		17	17	17	10	17
		After UV		0.3	0.3	0.3	-	0.3
Holding Power	on Glass plate 150°C -1hr	mm	0	0	0	0	0	



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- Test Conditions

Test Item	Condition
Adhesion Force	<ul style="list-style-type: none">• Peeling angle : 180°• Tensile speed : 300mm/min• Bonding condition : 1 stroke with 2kg roller• Backing material : PET#25
UV Irradiation Condition	<ul style="list-style-type: none">• Lamp : High pressure mercury-Xenon lamp• Total light quantity : 600 mJ/cm² and 1,000mJ/cm²
Holding Power	<ul style="list-style-type: none">• Bonding area : 25mm × 25mm• Substrate : SUS plate• Bonding condition : 1 stroke with 2kg roller• Loadong weight : 1kg• Measuring environment : 150°C-Dry• Creep length (mm) after 1 hour application under 60°C-Dry



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*Please contact us if you have any requirement for thickness or size etc.

- **Notice for handling**

- The above Data are sample observed Data, not guaranteed. Please check before use.
- The contents of applications will be subject to change without notice.
- Please kindly make a careful evaluation to this products. We assume no responsibility for any losses or damages incurred as a result of using this products.

**THANK
YOU FOR YOUR
LISTENING**

顧客満足から感動へ。

