

Silicone-free White PP Film adhesive sheet

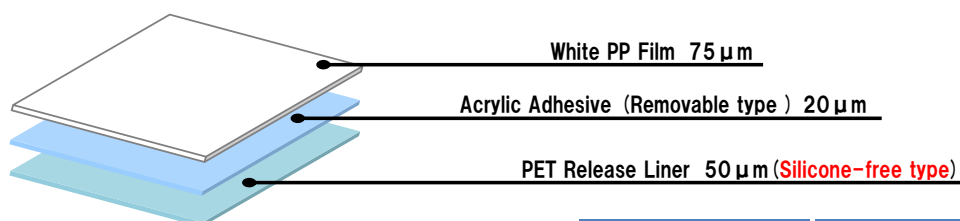
## TPG75-RC620 (20) -SFL50

### Outline

TPG75-RC620 (20) -SFL50 is a silicone-free adhesive sheet made of white PP film coated with an acrylic adhesive with excellent removability.

(Silicone-free : Silicones are not intentionally used.)

### Structure



Product Name	Tape Thickness ( μm )	Base film ( μm )
TPG75-RC620 (20) -SFL50	95	75

### Properties

#### ◆Basic Adhesive Properties

			Measured value	Test method
Adhesive Strength (N/25mm)	SUS (# 360 Polishing)	20min.	5.3	•JIS Z0237 •180° Peel •Peel Speed 300mm/min •23°C・50%RH
		24Hrs.	6.0	
	PET	20min.	5.6	
		24Hrs.	6.1	
Holding Power (mm/50000sec)			N.C.	•40°C・Load 1kg ・25mm×25mm •Substrate:Stainless steel (Polished with # 360)
Ball Tack (No.)			5~8	•J.DOW Method (23°C)

## Properties

### ◆Siloxane

Required Test	Analyte	Results (ng/cm <sup>2</sup> )
FTIR (Label/Tape)	Silicone at Wave No: 1260, 1100, 1020 & 800cm <sup>-1</sup>	Not Detected
	Amide	Not Detected
	DOP	Not Detected
FTIR (Liner)	Silicone at Wave No: 1260, 1100, 1020 & 800cm <sup>-1</sup>	Not Detected
	Amide	Not Detected
	DOP	Not Detected
Silicone (PDMS) (Label/Tape)	Silicone at Wave No: 800 ± 10 cm <sup>-1</sup>	Not Detected
	Silicone at Wave No: 1020 ± 10 cm <sup>-1</sup>	Not Detected
	Silicone at Wave No: 1100 ± 10 cm <sup>-1</sup>	Not Detected
	Silicone at Wave No: 1260 ± 10 cm <sup>-1</sup>	Not Detected
	Judgment Criteria	Not Detected
Silicone (PDMS) (Liner)	Silicone at Wave No: 800 ± 10 cm <sup>-1</sup>	Not Detected
	Silicone at Wave No: 1020 ± 10 cm <sup>-1</sup>	Not Detected
	Silicone at Wave No: 1100 ± 10 cm <sup>-1</sup>	Not Detected
	Silicone at Wave No: 1260 ± 10 cm <sup>-1</sup>	Not Detected
	Judgment Criteria	Not Detected
Siloxane 3 unwanted peak (Label/Tape)	unwanted peaks at Wave No: 758 ± 5 cm <sup>-1</sup>	Not Detected
	unwanted peaks at Wave No: 845 ± 5 cm <sup>-1</sup>	Not Detected
	unwanted peaks at Wave No: 866 ± 5 cm <sup>-1</sup>	Not Detected
	Judgment Criteria	3 unwanted peaks not detected
Siloxane 3 unwanted peak (Liner)	unwanted peaks at Wave No: 758 ± 5 cm <sup>-1</sup>	Not Detected
	unwanted peaks at Wave No: 845 ± 5 cm <sup>-1</sup>	Not Detected
	unwanted peaks at Wave No: 866 ± 5 cm <sup>-1</sup>	Not Detected
	Judgment Criteria	3 unwanted peaks not detected

#### 【Test method】

- Analysis: FTIR
- Number of pieces used for extraction: 10 cm<sup>2</sup>
- Extraction Medium: n-Hexane (HPLC Grade)
- Extraction Volume: 10 mL

Note: The above analysis was carried out using FTIR spectrometer equipped with a MCT detector & a VATR accessory.  
The instrument detection limit for silicone oil is 0.05 ug

## Notices

Attach after wiping off oily, dusty and moisture substances on the surface of the adherend you may use.

Give an enough pressure when attaching, under the temperature condition over 10°C as possible.

Store it in a cool, dark place away from direct sunlight.

These data are representative so as not to guarantee for your conditions,nor do they for the wide range of each application described in this technical information.

Examining the compatibility of the adherend material with our product in advance, make a decision of starting to use.

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