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Nitto Denko Materials Malaysia Sdn. Bhd.

Research and Development

Development Section

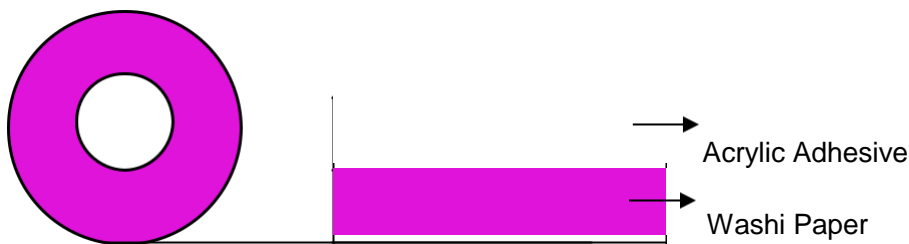
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Nitto KJ-72D1 (Prototype)

Thank you very much for interested on Nitto product KJ-72D1 (Prototype). KJ-72D1 (Prototype) is washi paper masking tape with water-based acrylic adhesive. KJ-72D1 (Prototype) is a masking tape used for making boundary line when painting.

A. Appearance



Backing	Washi Paper
Color	Purple
Adhesive	Acrylic

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B. Tape Features:

- ✓ This tape can be easily cut by hand.
- ✓ The back side of this tape will not repel paints.
- ✓ The tape rewinding is light and have good workability.
- ✓ Easy and clean removal with no tape tear and no surface damage on applied substrate such as plasterboard.


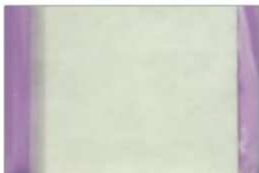

C. Tape Properties

Properties	Unit	Lot 0116905
Total Thickness	mm	0.091
Tensile Strength	N/18mm	57.7
Elongation	%	5.06
Adhesion on SUS	N/18mm	2.68

- Note: 1) Above values are measurement values, not guaranteed values
2) The item is under development stage, so this design will be changeable.*

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D. Application Test
Painting Test

Paint	Substrate	KJ-72D1
		Lot 0116905
Water-based	Plasterboard	
		△
	PVC	
		◎
	Wood	
		◎




Method:

1. Laminated masking tapes on respective substrates at 23°C/50%RH.
2. Paint water-based paint on the samples, then dried at 23°C/50%RH for 1 day.
3. Masking tapes were peeled off with hand.
4. Peeling angle: About 135 deg., Peeling speed: Hand Peeling.
5. Confirmed appearances of painted substrates at tape edges.
6. How to judge

For Fine-line judgment

◎	Fine-line
△	Edge part slightly paint penetration
X	No fine-line

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Paint	Substrate	KJ-72D1
		Lot 0116905
Oil-based	AL Plate	
		◎
	PVC	
		◎
	Wood	
		◎

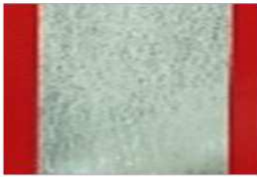
Method:

1. Laminated masking tapes on respective substrates at 23°C/50%RH.
2. Paint oil-based paint on the samples, then dried at 23°C/50%RH for 1 day.
3. Masking tapes were peeled off with hand.
4. Peeling angle: About 135 deg., Peeling speed: Hand Peeling.
5. Confirmed appearances of painted substrates at tape edges.
6. How to judge

For Fine-line judgment

◎	Fine-line
△	Edge part slightly paint penetration
X	No fine-line

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Paint	Substrate	KJ-72D1
		Lot 0116905
Solvent-based	Polished AL Plate	
		◎

Method:

1. Laminated masking tapes on respective substrates at 23°C/50%RH.
2. Paint oil-based paint on the samples, then dried at 23°C/50%RH for 1 day.
3. Masking tapes were peeled off with hand.
4. Peeling angle: About 135 deg., Peeling speed: Hand Peeling.
5. Confirmed appearances of painted substrates at tape edges.
6. How to judge

For Fine-line judgment

◎	Fine-line
△	Edge part slightly paint penetration
X	No fine-line

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