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Good Government Award 2009
(Society & Environment)

Specification



gecko tape

Product Name	Gecko OPP Tape		Product Code	Y4K
Composition	Backing Biaxially Oriented Polypropylene (BOPP) Film 0.025mm Adhesive: Acrylic Water Base Adhesive 0.015mm			
Production Construction	Design:		→ Acrylic Water Base Adhesive (Pressure Sensitive Adhesive) → Biaxially Oriented Polypropylene (BOPP) Film	
Adhesive layer		Backing layer		
Article Name	Acrylic water based	Article Name	BOPP film	
Thickness (mm)	0.015	Thickness (mm)	0.025	
Density (g/cm³)	1.04	Basic Weight (g/m³)	0.91 g/cm ³	
Color	clear	Color	clear	
Adhesion power to steel plate(kg/in)	↑ 0.4	Breaking strength(kg/in)	↑ 7	
Pressure Sensitive Adhesive				
Adhesive Base	Acrylic water based	Release Force (gsm/25mm)	—	
Thickness (mm)	0.015 mm	Holding Power (hr/kg x 25mm²)	15 ↑	
Dry Coating Weight (g/m²)	15.6	Weather Resistance	Not good	
Solvent Retention (%)	0.00%	Temperature Range (°C)	15 ~ 35 °C	
Initial Tack (cm)	4.2 cm ↓	Solvent Resistance	—	
180° Pell Adhesion (Kg/25mm)	0.4 ↑	Re-herence	None	
Characteristic				
Water resistance	None	Solvent resistance	None	
Temperature(°C) range to apply	15~35	Expired date	3 years	

Remark: In order to make sure material meets the requirement of specific application it should be tested thoroughly end-use conditions.