Double Coated PET Tape

8015P

Jan, 2010

Product Description:

The subject double-coated film tape features a medium-firm acrylic pressure sensitive adhesive system. The key characteristics of this adhesive include a combination of high performance in adhesion and good shear holding power to a wide variety of materials, including many plastics.

The subject double-coated film tape is designed for system assembly in electronics market, and flat panel display application, such as nameplate, optically management films attachment, foam, and isolative film fixing.

Construction:

Product Number	Adhesive type/color/ thickness (excluding liner)	Faceside adhesive	Carrier	Backside adhesive	Primary liner color, print	Liner Caliper
8015P	Acrylic Translucent 0.150mm	0.068mm	PET 0.013mm	0.068mm	White Blue print	0.14mm

Feature

1. The subject tape features a medium firm acrylic pressure sensitive adhesive system. The key characteristics of this adhesive include a combination of high performance in adhesion and good shear and holding power to a wide variety of materials, including many plastics.
2. The subject tape provides excellent stability to reduce stretching and allows to more precise alignment during application and processing.

Typical Physical Properties and Performance Characteristics

Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.

Adhesion to steel: (ASTM D3330, 180 degree peel)	**(Kg/in)**
20 minutes RT	2.9
72 hrs RT	3.5

Holding Power: (ASTM D3654, 1×1 in, 1000g load, Stainless Steel)

22°C	10,000+ minutes

Operating Ranges:

Continuously (day-week):	200°F (93°C)
Short Term (minutes-hours):	250°F (121°C)

Relative Solvent Resistance:	Good
U. V. Resistance:	Good

Application Techniques:

Bond strength is dependent upon the amount of adhesive-to-surface contact developed. Firm application pressure helps develop better adhesive contact and improves bond strength.

To obtain optimum adhesion, the bonding surfaces must be clean, dry and well unified. Some typical surface cleaning solvents are isopropyl alcohol or heptane. Note: Carefully read and follow the manufacturer's precautions and directions for use when working with solvents.

Ideal tape application temperature range is 70° F to 100° F (21° C to 38° C). Initial tape application to surfaces at temperatures below 50° F (10° C) is not recommended because the adhesive becomes too firm to adhere readily. However, once properly applied, low temperature holding is generally satisfactory.

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