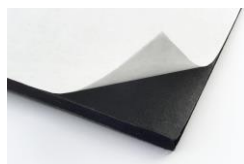


HIGH TACK PRESSURE SENSITIVE ADHESIVE TAPES



Eccosorb SS-tapes are very high tack PSA tapes specifically designed for use with Laird's absorbers.

There are several PSA's offered: Eccosorb[®] SS6M for silicone absorbers

Eccosorb[®] SS3 for urethane absorbers

Eccosorb[®] SSV for vinyl materials

Eccosorb[®] SS10 for Eccostock[®] PP

Eccosorb SS-tapes are cleanly cut with steel roll dies or via water-jet cutting.

FEATURES AND BENEFITS

- High tack
- Factory installed

MARKETS

- Commercial Telecom
- Security and Defense

SPECIFICATIONS

TYPICAL PROPERTIES	SS6M	SS3	SS10	SSV
Adhesive Type	Acrylic	Acrylic	Acrylic	Acrylic
Adhesive Carrier	0.5 mil Polyester	0.5 mil Polyester	0.5 mil Polyester	0.5 mil Polyester
Tape Thickness	4.5 mils	4.5 mils	4.6 mils	3.1 mils
Peel Adhesion to steel, lb./in. width	4.7	4.7	7.5	4.7
Tensile Strength, lb./in.	10	10	12	10
Elongation	60%	60%	80%	60%
Typical Service Temperature °C(°F)	-40 to 121 (-40 to 250)	-40 to 121 (-40 to 250)	10 to 121 (50 to 250)	-40 to 121 (-40 to 250)

APPLICATIONS

- Eccosorb SS-tapes are used throughout many applications where high bond reliability and UV resistance is required.
- The tapes are ideally suited for applications such as commercial microwave devices where the speed and convenience of a peel and stick adhesive is desired.
- They have shown effective in applications involving shock and vibration, temperature cycling and high humidity.
- Adhesion testing with SS6M was also performed with material attached to a housing at 93 °C for 24 hours, mounted at 90°, and heated to 149 °C for 24 hours. No slouching was seen and bond strength is excellent.
- In general longer residence time yields higher peel values.

AVAILABILITY

- Eccosorb SS-tapes are factory installed, which utilize a proprietary process resulting in a superior adhesive bond. When applied in this manner, bond strength is far superior when compared to those adhesives applied to the material after its manufacture.
- US origin.

INSTRUCTIONS FOR USE

- Simply peel the release paper off of the adhesive backing and apply.
- The use of heat and pressure will help to increase the initial bond of the material to the substrate. Surfaces to be bonded should be cleaned, dry, and free from grease and oil.
- Eccosorb SS3 and SS6M should not be bonded to any material that may contain migrating plasticizers, rather SSV should be used in that case.

Americas: +1 (866) 928-8181

Europe: +49 8031 2460 0

China: +86-7552 7141166

www.laird.com

