

DATA SHEET

**AIRKAP 1**  
Polyimide High Temperature Pressure Sensitive Tape

Description

**Airkap 1** is a polyimide pressure sensitive tape coated with a fully cured silicone adhesive for high temperature lay-ups to 750°F (399°C).

APPLICATION

**Airkap 1** is used to hold down peel plies, breathers, vacuum bag pleats, thermocouples, etc. on high temperature cures, in an oven or autoclave. **Airkap 1** will hold down the exposed edges of Thermalimide bagging film in order to insulate A800-3G high temperature sealant tape.

<b>Material Characteristics</b>	
Carrier Type:	Polyimide
Adhesive Type:	Silicone
Total Thickness, in (μ):	.0025 (63)
Film Thickness, in (μ):	.001 (25)
Adhesive Thickness, in (μ):	.0015 (38)
Adhesion, oz/in-width (N/cm-width):	20 (2.2)
Elongation, %:	50
Maximum Recommended Use Temperature, °F (°C):	750 (399)
Color	Amber
Standard Sizes <sup>(1)</sup> :	1" (2.54cm) x 36 yards (33m)
	2" (5.08cm) x 36 yards (33m)
Shelf Life:	1 year when stored at 72°F (22°C)

- 1) Other widths available.

CATALOG POSITION: **PRESSURE SENSITIVE TAPES**

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