

ALCONEX GOLD® TAPE

240° Film with Pressure Sensitive Adhesive



Insulation Material Description: **Aromatic Polyimide Film**

Adhesive Offering:

Silicone PSA Thermal Class: **Class H (180°C)**

Acrylic PSA Thermal Class: **Class F (155°C)**

Alconex Part Number: **Refer to next page**

UL File: **E321324 (contact your Alconex Sales Representative for UL File information)**

DESCRIPTION:

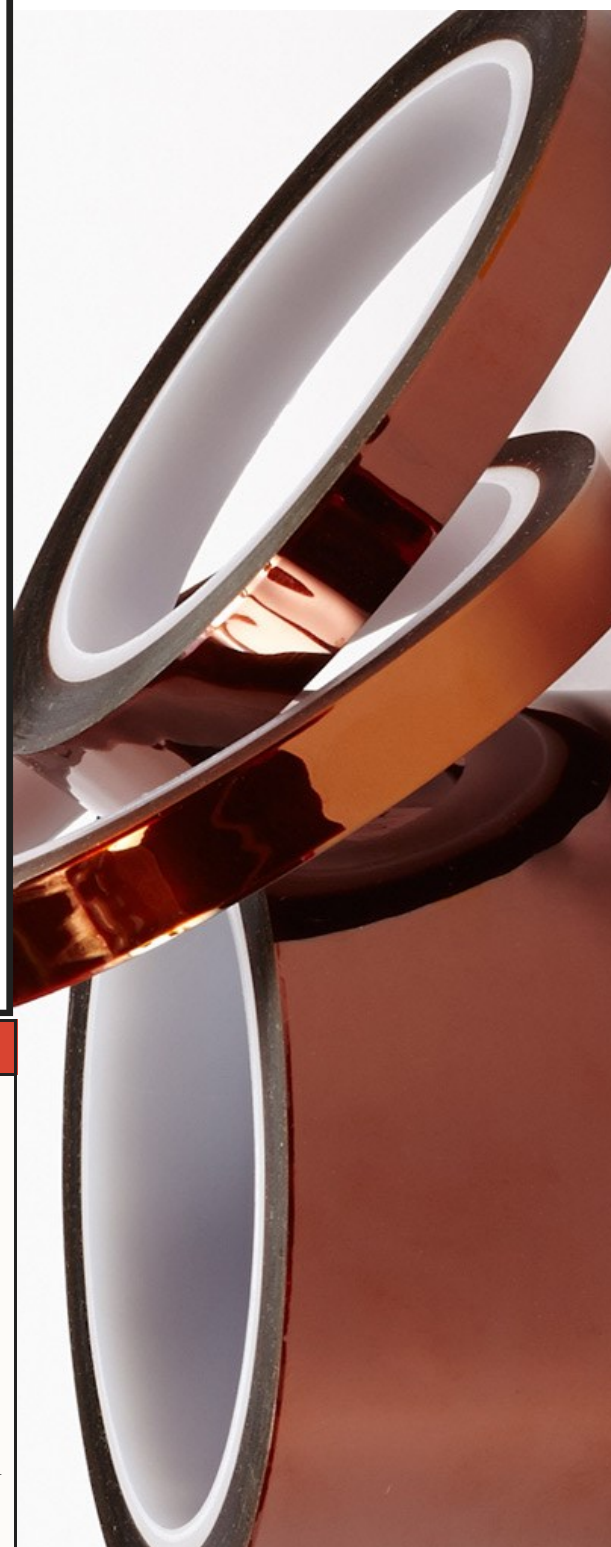
ALCONEX GOLD® TAPE is a polyimide film available in both Silicone and Acrylic PSA. Additionally, it is excellent for applications requiring increased thermal, dielectric, and chemical protection.

MAIN PRODUCT FEATURES:

- Excellent dielectric protection
- Thin and conformable to uneven surfaces
- ALCONEX GOLD® thermal range: up to 260°C

APPLICATION IDEAS:

- Electrical insulation on transformers, motors, and coils
- Masking of printed circuit boards during solder process



	1 MIL	2 MIL	3 MIL	5 MIL
ADHESIVE TYPE	PSA	PSA	PSA	PSA
ADHESIVE THICKNESS	1.5 mils	1.5 mils	1.5 mils	1.5 mils
THERMAL CLASS	Silicone: H Acrylic: F	Silicone: H Acrylic: F	Silicone: H Acrylic: F	Silicone: H Acrylic: F
BREAKDOWN VOLTAGE	6,500 V	11,000 V	15,000 V	18,000 V
ELONGATION	>55%	60%	60%	65%
TENSILE STRENGTH	30 LBS/IN	50 LBS/IN	80 LBS/IN	98 LBS/IN
THERMAL RANGE	< 260°C	< 260°C	< 260°C	< 260°C

Product safety information is available upon request. This information corresponds to our current knowledge on the subject. It is offered solely to provide possible suggestions for your own experimentation. It is not intended, however, to substitute for any testing you may need to conduct to determine for yourself the suitability of our products for your particular purposes. This information may be subject to revision as new knowledge and experience become available. Since we cannot anticipate all variations in actual end-use conditions, Alconex makes no warranties and assumes no liability whatsoever in connection with any use of this information. Nothing in this publication is to be considered as a license to operate under or a recommendation to infringe upon any trademark or patent right.

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www.alconex.com

1 MIL ALCONEX GOLD® TAPE OFFERING

Other widths and lengths are available upon request.
Contact your Alconex salesperson for availability.

THICKNESS (MILS)	SILICONE PSA PART NUMBER	ACRYLIC PSA PART NUMBER	WIDTH (INCHES)	ROLL SIZE
1	AG1TS0500	AG1TA0500	0.500	36 YDS.
1	AG1TS0625	AG1TA0625	0.625	36 YDS.
1	AG1TS0750	AG1TA0750	0.750	36 YDS.
1	AG1TS1000	AG1TA1000	1.000	36 YDS.
1	AG1TS1500	AG1TA1500	1.500	36 YDS.
1	AG1TS2000	AG1TA2000	2.000	36 YDS.
1	AG1TS3000	AG1TA3000	3.000	36 YDS.
1	AG1TS4000	AG1TA4000	4.000	36 YDS.

THICKNESS (MILS)	SILICONE PSA PART NUMBER	ACRYLIC PSA PART NUMBER	WIDTH (INCHES)	ROLL SIZE
2	AG2TS0500	AG2TA0500	0.500	36 YDS.
2	AG2TS0625	AG2TA0625	0.625	36 YDS.
2	AG2TS0750	AG2TA0750	0.750	36 YDS.
2	AG2TS1000	AG2TA1000	1.000	36 YDS.
2	AG2TS1500	AG2TA1500	1.500	36 YDS.
2	AG2TS2000	AG2TA2000	2.000	36 YDS.
2	AG2TS3000	AG2TA3000	3.000	36 YDS.
2	AG2TS4000	AG2TA4000	4.000	36 YDS.

2 MIL ALCONEX GOLD® TAPE OFFERING

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THICKNESS (MILS)	SILICONE PSA PART NUMBER	ACRYLIC PSA PART NUMBER	WIDTH (INCHES)	ROLL SIZE
3	AG3TS0500	AG3TA0500	0.500	36 YDS.
3	AG3TS0625	AG3TA0625	0.625	36 YDS.
3	AG3TS0750	AG3TA0750	0.750	36 YDS.
3	AG3TS1000	AG3TA1000	1.000	36 YDS.
3	AG3TS1500	AG3TA1500	1.500	36 YDS.
3	AG3TS2000	AG3TA2000	2.000	36 YDS.
3	AG3TS3000	AG3TA3000	3.000	36 YDS.
3	AG3TS4000	AG3TA4000	4.000	36 YDS.

3 MIL ALCONEX GOLD® TAPE OFFERING

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THICKNESS (MILS)	SILICONE PSA PART NUMBER	ACRYLIC PSA PART NUMBER	WIDTH (INCHES)	ROLL SIZE
5	AG5TS0500	AG5TA0500	0.500	36 YDS.
5	AG5TS0625	AG5TA0625	0.625	36 YDS.
5	AG5TS0750	AG5TA0750	0.750	36 YDS.
5	AG5TS1000	AG5TA1000	1.000	36 YDS.
5	AG5TS1500	AG5TA1500	1.500	36 YDS.
5	AG5TS2000	AG5TA2000	2.000	36 YDS.
5	AG5TS3000	AG5TA3000	3.000	36 YDS.
5	AG5TS4000	AG5TA4000	4.000	36 YDS.

5 MIL ALCONEX GOLD® TAPE OFFERING

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