



Title: Kapton Pads with Adhesive Backing
 Doc. No.: OX3.8FM-002 Rev. 0

OX3 P/N	Measure Inches	Measure Metric	Description
OX3C00190	0.140	3.56	A circle measuring 0.140" in diameter by 0.0065" thick, SPSA one-side.
OX3C00123	0.157	3.99	A circle measuring 0.157" in diameter by 0.0025" thick, SPSA one-side.
OX3C00189	0.185	4.70	A circle measuring 0.185" in diameter by 0.0065" thick, SPSA one-side.
OX3C00124	0.216	5.49	A circle measuring 0.216" in diameter by 0.0025" thick, SPSA one-side.
OX3C00354	0.250	6.35	A circle measuring 0.250" in diameter by 0.0020" thick, SPSA one-side.
OX3C00128	0.250	6.35	A circle measuring 0.250" in diameter by 0.0065" thick, SPSA one-side.
OX3C00129	0.305	7.75	A square measuring 0.305" x 0.305" by 0.0025" thick, SPSA one-side.



Product Description:

OX3 Kapton Pads are constructed with Polyimide (Kapton®) film with pressure sensitive high temperature **SILICONE** adhesive. Its aggressive adhesion system allows this tape to withstand more demanding conditions than the average adhesive. This tape exhibits superior resistance to solvents and high temperatures to assure full protection during wave soldering and hot air leveling.

Performance & Application Information:

Polyimide film provides excellent electrical insulation, abrasion resistance, high dielectric strength and conformability. These tapes are highly successful in electrical applications such as capacitor wrapping, gold finger masking, insulation transformers, coils, flat cables and connectors and high temperature harness wrapping. This tape is also recognized under the components program of Underwriters Laboratory, UL 510* Flame Retardant.

TYPICAL PROPERTIES

	T1	T2	T5
Total thickness (in.)	0.0025	0.0035	0.0065
Backing thickness (in.)	0.001	0.002	0.005
Adhesion (oz/in)	18	20	25
Breaking strength (lb. /in.)	25	50	150
Dielectric strength	6,500	8,000	17,000
Elongation (%)	50	75	75
Temperature range	-100°F to +500°F		

Note: The above are “typical values” which have a nominal range about them and are not intended for specification purposes. Kapton® is a registered trademark of DuPont.