

LODESTONE PACIFIC TAPE PROPERTIES SUMMARY



Polyester	Polyester Composite	Filiment Reinforced	Glass Cloth	Acetate	Kapton	Epoxy	Nomex
	Polyester & Non-woven Poly Composite	Polyester Reinforced with Glass Fiber					

Max Temperature Class								
Rubber Adhesive	Class B 130°C	Class B 130°C	Class B 130°C	Class B 130°C	Class B 130°C	N/A	Class B 130°C	Class B 130°C
Acrylic Adhesive	Class F 155°C	Class F 155°C	Class F 155°C	Class F 155°C	N/A	Class F 155°C	Class F 155°C	Class F 155°C
Silicon Adhesive	N/A	N/A	N/A	Class N 200°C	N/A	Class N 200°C	N/A	Class N 200°C

Chemical, Solvent Resistant								
Rubber Adhesive	Average if Cured	Average if Cured	Average if Cured	Average if Cured	Average if Cured	N/A	Average if Cured	Average if Cured
Acrylic Adhesive	Very Resistant	Very Resistant	Very Resistant	Very Resistant	Very Resistant	Very Resistant	Very Resistant	Very Resistant
Silicon Adhesive	N/A	N/A	N/A	Average if Cured	N/A	Average if Cured	N/A	Average if Cured

Moisture Resitance								
Rubber Adhesive	Average if Cured	Average if Cured	Average if Cured	Average if Cured	Average if Cured	N/A	Average if Cured	Average if Cured
Acrylic Adhesive	Very Resistant	Very Resistant	Very Resistant	Very Resistant	Very Resistant	Very Resistant	Very Resistant	Very Resistant
Silicon Adhesive	N/A	N/A	N/A	Average if Cured	N/A	Average if Cured	N/A	Average if Cured

Adhesion								
Rubber Adhesive	Aggressive	Aggressive	Aggressive	Aggressive	Aggressive	N/A	Aggressive	Aggressive
Acrylic Adhesive	Average	Average	Average	Average	N/A	Average	Average	Average
Silicon Adhesive	N/A	N/A	N/A	Average	N/A	Average	N/A	Average

Dielectric Strength	Moderate to High	Moderate	Moderate	Low to Moderate	Low	High	High	Moderate
Relative Price (sq/inch)	Low	Moderate to High	Low to Moderate	Moderate	Low	High	Moderate to High	Moderate to High
Resin Absorbson	Low	Low to Average	Low to Average	High	High	Low	Low	High
Conformable	Average	Average	Low to Average	High	High	Average	Average	Average
Cushinoning	Low	Average	Low	High	High	Low	Average	Average
Aesthetics	High	Low to Average	Low to Average	Low to Average	High	Average	Average	High
Color	Yellow, Black, White	Tan	Tan	White	White, Black	Amber	Translucent	White
Printable Version	Available	Unavailable	Unavailable	Available	Available	Available	Available	Available
Thickness	Thin	Average to Thick	Average to Thick	Average	Average	Thin	Average	Average
Flexibility	Average	Average	Stiff	Flexible	Flexible	Average	Average	Average
Stretch	High	Moderate	Low	Low	Low	Moderate to High	High	Low
Purncture Resistance	Average to High	High	High	Average	Low	High	High	Average
Edge Tear Resistance	Average to High	Average to High	High	High	Low	Average to High	Average to High	Average
Solder Resistance	Average	Low	Average	Average	Low	High	High	High
Tensile Strength	Average	Average	High	High	Low	Average	Average	Average
Toughness	Good	Good	Very Tough	Good	Low	Good	Good	Good
Mechanical Strength	Average	Average	High	High	Low to Average	Average	Average	Average

P. Leo Tape Part No.								
Rubber Adhesive	1P700	1H86A	1PG880	1G130	1A025	N/A	N/A	N/A
Acrylic Adhesive	1P801, 1P802	1H866, 1H818	1PG887, 1PG888	1G015	N/A	1K7177, 1K063	N/A	1N008, 1N012
Silicon Adhesive	N/A	N/A	N/A	1G180	N/A	1K220, 1K125	N/A	N/A